

# PRODUCT CATALOGUE



The background image shows a vast industrial storage yard. In the foreground, large stacks of dark-colored pipes are visible. In the middle ground, there are numerous stacks of blue pipes. A lone worker in a high-visibility yellow shirt and a white hard hat stands on the right side of the frame. The sky is filled with large, white clouds, and the sun is low on the horizon, creating a warm, golden light across the scene.

The Iplex® vision is to be the  
leading manufacturer and  
supplier of plastic building  
materials in New Zealand.

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NOTES

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# PVC PRESSURE SYSTEMS

## SECTION 1

### PVC PRESSURE SYSTEMS

#### IPLEX APOLLO® PVC-O PRESSURE PIPE METRIC SERIES 1 - AS/NZS 4441

| APOLLO PN6.3*<br>(630kPa, 91 PSI)                                                 | Order Code      | Size (mm)<br>x Length<br>(m) | Pack<br>Qty |
|-----------------------------------------------------------------------------------|-----------------|------------------------------|-------------|
|  | Z880.100PN6.3.6 | 100 x 6                      | 50          |
|                                                                                   | Z880.150PN6.3.6 | 150 x 6                      | 28          |
|                                                                                   | Z880.200PN6.3.6 | 200 x 6                      | 15          |
|                                                                                   | Z880.300PN6.3.6 | 300 x 6                      | 6           |

rubber ring joint

Note: PN6.3 is not included in AS / NZS 4441 Appendix ZZ, but has the mechanical performance capability of AS / NZS 4441

| APOLLO PN12.5<br>(1250kPa, 181 PSI)                                                | Order Code       | Size (mm)<br>x Length<br>(m) | Pack<br>Qty |
|------------------------------------------------------------------------------------|------------------|------------------------------|-------------|
|  | Z880.100PN12.5.6 | 100 x 6                      | 50          |
|                                                                                    | Z880.150PN12.5.6 | 150 x 6                      | 28          |
|                                                                                    | Z880.200PN12.5.6 | 200 x 6                      | 15          |
|                                                                                    | Z880.300PN12.5.6 | 300 x 6                      | 6           |

rubber ring joint

| APOLLO PN10<br>(1000kPa, 145 PSI)                                                  | Order Code     | Size (mm)<br>x Length<br>(m) | Pack<br>Qty |
|------------------------------------------------------------------------------------|----------------|------------------------------|-------------|
|  | Z880.100PN10.6 | 100 x 6                      | 50          |
|                                                                                    | Z880.150PN10.6 | 150 x 6                      | 28          |
|                                                                                    | Z880.200PN10.6 | 200 x 6                      | 15          |
|                                                                                    | Z880.300PN10.6 | 300 x 6                      | 6           |

rubber ring joint

Factory Fitted Seal Ring included with each pipe

#### IPLEX APOLLO® BLUE PVC-O PRESSURE PIPE IMPERIAL SERIES 2 - AS/NZS 4441

| APOLLO BLUE<br>PN12.5<br>(1250kPa, 181 PSI)                                         | Order Code       | Size (mm)<br>x Length<br>(m) | Pack<br>Qty |
|-------------------------------------------------------------------------------------|------------------|------------------------------|-------------|
|  | 1880.100PN12.5.6 | 100 x 6                      | 32          |
|                                                                                     | 1880.150PN12.5.6 | 150 x 6                      | 24          |
|                                                                                     | 1880.200PN12.5.6 | 200 x 6                      | 15          |
|                                                                                     | 1880.250PN12.5.6 | 250 x 6                      | 12          |
|                                                                                     |                  |                              |             |

rubber ring joint

| APOLLO BLUE PN16<br>(1600kPa, 232 PSI)                                               | Order Code     | Size (mm)<br>x Length<br>(m) | Pack<br>Qty |
|--------------------------------------------------------------------------------------|----------------|------------------------------|-------------|
|  | 1880.100PN16.6 | 100 x 6                      | 32          |
|                                                                                      | 1880.150PN16.6 | 150 x 6                      | 24          |
|                                                                                      | 1880.200PN16.6 | 200 x 6                      | 15          |
|                                                                                      | 1880.250PN16.6 | 250 x 6                      | 12          |
|                                                                                      |                |                              |             |

rubber ring joint

Factory Fitted Seal Ring included with each pipe

# SECTION 1

## PVC PRESSURE SYSTEMS

### IPLEX NOVAKEY®

#### PVC-U PRESSURE PIPE METRIC SERIES 1 - AS/NZS 1477

| NOVAKEY PN6 (CLASS B, 600kPA, 87PSI)                                                                          | Order Code     | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|---------------------------------------------------------------------------------------------------------------|----------------|------------------------|-------------------|-----|-----|
|  <b>solvent cement joint</b> | 800.40PN6.6    | 40 x 6                 | 225/5*            | yes |     |
|                                                                                                               | 800.50PN6.6    | 50 x 6                 | 123               | yes | yes |
|                                                                                                               | 800.65PN6.6    | 65 x 6                 | 56                | yes | yes |
|                                                                                                               | 800.80PN6.6    | 80 x 6                 | 60                | yes | yes |
|                                                                                                               | 800.100PN6.6** | 100 x 6                | 40                | yes | yes |
|  <b>rubber ring joint</b>    | 800.125PN6.6   | 125 x 6                | 32                |     | yes |
|                                                                                                               | 800.150PN6.6** | 150 x 6                | 28                |     | yes |
|                                                                                                               | 800.175PN6.6   | 175 x 6                | 20                |     | yes |
|                                                                                                               | 800.200PN6.6** | 200 x 6                | 15                |     | yes |
|                                                                                                               | 800.225PN6.6   | 225 x 6                | 12                |     | yes |
|                                                                                                               | 800.250PN6.6   | 250 x 6                | 12                |     | yes |
|                                                                                                               | 800.300PN6.6** | 300 x 6                | 6                 |     | yes |
|                                                                                                               | 800.375PN6.6   | 375 x 6                | 6                 |     | yes |
|                                                                                                               | 800.450PN6.6   | 450 x 6                | 2                 |     | yes |
|                                                                                                               | 800.575PN6.6   | 575 x 6                | 2                 |     | yes |

| NOVAKEY PN9 (CLASS C, 900kPA, 130PSI)                                                                           | Order Code     | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|-----------------------------------------------------------------------------------------------------------------|----------------|------------------------|-------------------|-----|-----|
|  <b>solvent cement joint</b> | 800.50PN9.6    | 50 x 6                 | 123               | yes | yes |
|                                                                                                                 | 800.65PN9.6    | 65 x 6                 | 56                | yes | yes |
|                                                                                                                 | 800.80PN9.6    | 80 x 6                 | 60                | yes | yes |
|  <b>rubber ring joint</b>    | 800.100PN9.6** | 100 x 6                | 40                | yes | yes |
|                                                                                                                 | 800.150PN9.6** | 150 x 6                | 28                |     | yes |
|                                                                                                                 | 800.200PN9.6** | 200 x 6                | 15                |     | yes |

| NOVAKEY PN12 (CLASS D, 1200kPA, 174PSI)                                                                       | Order Code      | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|---------------------------------------------------------------------------------------------------------------|-----------------|------------------------|-------------------|-----|-----|
|  <b>solvent cement joint</b> | 800.32PN12.6    | 32 x 6                 | 210/10*           | yes |     |
|                                                                                                               | 800.40PN12.6    | 40 x 6                 | 225/5*            | yes |     |
|                                                                                                               | 800.50PN12.6    | 50 x 6                 | 123               | yes | yes |
|                                                                                                               | 800.65PN12.6    | 65 x 6                 | 56                | yes | yes |
|  <b>rubber ring joint</b>    | 800.80PN12.6    | 80 x 6                 | 60                | yes | yes |
|                                                                                                               | 800.100PN12.6** | 100 x 6                | 40                |     | yes |
|                                                                                                               | 800.150PN12.6** | 150 x 6                | 28                |     | yes |
|                                                                                                               | 800.200PN12.6** | 200 x 6                | 15                |     | yes |

| NOVAKEY PN15 (CLASS E, 1500kPA, 217PSI)                                                                         | Order Code    | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|-----------------------------------------------------------------------------------------------------------------|---------------|------------------------|-------------------|-----|-----|
|  <b>solvent cement joint</b> | 800.15PN15.6  | 15 x 6                 | 650/10*           | yes |     |
|                                                                                                                 | 800.20PN15.6  | 20 x 6                 | 500/10*           | yes |     |
|                                                                                                                 | 800.25PN15.6  | 25 x 6                 | 320/10*           | yes |     |
|                                                                                                                 | 800.32PN15.6  | 32 x 6                 | 210/10*           | yes |     |
|                                                                                                                 | 800.40PN15.6  | 40 x 6                 | 225/5*            | yes |     |
|  <b>rubber ring joint</b>    | 800.50PN15.6  | 50 x 6                 | 123               | yes | yes |
|                                                                                                                 | 800.65PN15.6  | 65 x 6                 | 56                | yes | yes |
|                                                                                                                 | 800.80PN15.6  | 80 x 6                 | 60                | yes | yes |
|                                                                                                                 | 800.100PN15.6 | 100 x 6                | 40                | yes | yes |
|                                                                                                                 | 800.150PN15.6 | 150 x 6                | 28                |     | yes |
|                                                                                                                 | 800.200PN15.6 | 200 x 6                | 15                |     | yes |

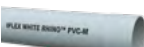
Seal Rings included in pipe price  
 \*These bundle sizes are the minimum order quantity  
 \*\* Availability may be subject to conversion to PVC-O

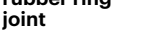
# SECTION 1

## PVC PRESSURE SYSTEMS

### IPLEX WHITE RHINO® PVC-M PRESSURE PIPE METRIC SERIES 1 - AS/NZ 4765

| WHITE RHINO PN6 (600kPa, 87PSI)                                                   | Order Code   | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|-----------------------------------------------------------------------------------|--------------|------------------------|-------------------|-----|-----|
|  | 850.100PN6** | 100 x 6                | 40                | yes | yes |
|                                                                                   | 850.125PN6.6 | 125 x 6                | 32                |     | yes |
|  | 850.150PN6** | 150 x 6                | 28                |     | yes |
|                                                                                   | 850.175PN6.6 | 175 x 6                | 20                |     | yes |
|                                                                                   | 850.200PN6** | 200 x 6                | 15                |     | yes |
|                                                                                   | 850.225PN6.6 | 225 x 6                | 12                |     | yes |

| WHITE RHINO PN9 (900kPa, 130PSI)                                                    | Order Code    | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|-------------------------------------------------------------------------------------|---------------|------------------------|-------------------|-----|-----|
|  | 850.100PN9**  | 100 x 6                | 40                | yes | yes |
|                                                                                     | 850.125PN9.6  | 125 x 6                | 32                |     | yes |
|  | 850.150PN9**  | 150 x 6                | 28                |     | yes |
|                                                                                     | 850.175PN9.6  | 175 x 6                | 20                |     | yes |
|                                                                                     | 850.200PN9**  | 200 x 6                | 15                |     | yes |
|  | 850.225PN9.6  | 225 x 6                | 12                |     | yes |
|                                                                                     | 850.250PN9.6  | 250 x 6                | 12                |     | yes |
|                                                                                     | 850.300PN9**  | 300 x 6                | 6                 |     | yes |
|                                                                                     | 850.375PN9.6  | 375 x 6                | 6                 |     | yes |
|                                                                                     | 850.450PN9.6  | 450 x 6                | 2                 |     | yes |
|                                                                                     | 850.575PN9.6# | 575 x 6                | 2                 |     | yes |

| WHITE RHINO PN12 (1200kPa, 174PSI)                                                | Order Code      | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|-----------------------------------------------------------------------------------|-----------------|------------------------|-------------------|-----|-----|
|  | 850.100PN12**   | 100 x 6                | 40                | yes | yes |
|                                                                                   | 850.125PN12.6   | 125 x 6                | 32                |     | yes |
|  | 850.150PN12**   | 150 x 6                | 28                | yes | yes |
|                                                                                   | 850.175PN12.6   | 175 x 6                | 20                |     | yes |
|                                                                                   | 850.200PN12**   | 200 x 6                | 15                | yes | yes |
|  | 850.225PN12.6   | 225 x 6                | 12                |     | yes |
|                                                                                   | 850.250PN12.6   | 250 x 6                | 12                |     | yes |
|                                                                                   | 850.300PN12**   | 300 x 6                | 6                 |     | yes |
|                                                                                   | 850.375PN12.6   | 375 x 6                | 6                 |     | yes |
|                                                                                   | 850.450PN12.6   | 450 x 6                | 2                 |     | yes |
|                                                                                   | 850.575PN12.6 # | 575 x 6                | 2                 |     | yes |

| WHITE RHINO PN15 (1500kPa, 217PSI)                                                  | Order Code    | Size (mm) x Length (m) | Pack / Bundle Qty | SOE | RRJ |
|-------------------------------------------------------------------------------------|---------------|------------------------|-------------------|-----|-----|
|  | 850.100PN15** | 100 x 6                | 40                | yes | yes |
|                                                                                     | 850.125PN15.6 | 125 x 6                | 32                |     | yes |
|  | 850.150PN15** | 150 x 6                | 28                |     | yes |
|                                                                                     | 850.175PN15.6 | 175 x 6                | 20                |     | yes |
|                                                                                     | 850.200PN15** | 200 x 6                | 15                |     | yes |

Seal Rings included in pipe price

\*\* Availability may be subject to conversion to PVC-O

# not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

| Z Joint Seal rings                                                                  | Order Code                        | Size (mm) | Pack Qty |
|-------------------------------------------------------------------------------------|-----------------------------------|-----------|----------|
|  | Seal Rings included in pipe price |           |          |
|                                                                                     | 860.50                            | 50        | 1        |
|                                                                                     | 860.65                            | 65        | 1        |
|                                                                                     | 860.80                            | 80        | 1        |
|                                                                                     | 860.125                           | 125       | 1        |
|                                                                                     | 860.150                           | 150       | 1        |
|                                                                                     | 860.175                           | 175       | 1        |
|                                                                                     | 860.200                           | 200       | 1        |
|                                                                                     | 860.225                           | 225       | 1        |
|                                                                                     | 860.300                           | 300       | 1        |
|                                                                                     | 860.375                           | 375       | 1        |
|                                                                                     | 860.450                           | 450       | 1        |

## SECTION 1

### PVC PRESSURE SYSTEMS

#### IPLEX BLUE RHINO® PVC-M PRESSURE PIPE IMPERIAL SERIES 2 - AS/NZ 4765

| BLUE RHINO<br>PN12 (CLASS D,<br>1200kPA, 174PSI)                                  | Order Code           | Size<br>(mm) x<br>Length<br>(m) | Pack<br>Qty |
|-----------------------------------------------------------------------------------|----------------------|---------------------------------|-------------|
|  | 1850.100PN12.6 RRJ** | 100 x 6                         | 32          |
|                                                                                   | 1850.150PN12.6 RRJ** | 150 x 6                         | 18          |
| <b>rubber ring joint</b>                                                          |                      |                                 |             |

Factory Fitted Seal Rings included in pipe price  
\*\* Availability may be subject to conversion to PVC-O

| BLUE RHINO<br>PN12 (CLASS D,<br>1200kPA, 174PSI)                                   | Order Code           | Size<br>(mm) x<br>Length<br>(m) | Pack<br>Qty |
|------------------------------------------------------------------------------------|----------------------|---------------------------------|-------------|
|  | 1850.100PN16.6 RRJ** | 100 x 6                         | 32          |
|                                                                                    | 1850.150PN16.6 RRJ** | 150 x 6                         | 18          |
| <b>rubber ring joint</b>                                                           |                      |                                 |             |

Factory Fitted Seal Rings included in pipe price  
\*\* Availability may be subject to conversion to PVC-O

#### IPLEX APOLLO® PVC-O PRESSURE FITTINGS RRJ (PN 16 - 1600 KPA) - CEN / TS 17176-3

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

|                                                                                     | Order Code  | Size<br>(mm) | Ctn/<br>Bag<br>Qty |
|-------------------------------------------------------------------------------------|-------------|--------------|--------------------|
|  | 8801.150.22 | 150          | 1                  |
|                                                                                     | 8801.175.22 | 175          | 1                  |
|                                                                                     | 8801.225.22 | 225          | 1                  |
|                                                                                     | 8801.300.22 | 300          | 1                  |
|                                                                                     | 8801.375.22 | 375          | 1                  |
| <b>plain 22° elbow F&amp;F</b>                                                      |             |              |                    |
|  | 8801.150.45 | 150          | 1                  |
|                                                                                     | 8801.175.45 | 175          | 1                  |
|                                                                                     | 8801.225.45 | 225          | 1                  |
|                                                                                     | 8801.300.45 | 300          | 1                  |
|                                                                                     | 8801.375.45 | 375          | 1                  |
| <b>plain 45° elbow F&amp;F</b>                                                      |             |              |                    |
|  | 8810.150    | 150          | 1                  |
|                                                                                     | 8810.175    | 175          | 1                  |
|                                                                                     | 8810.225    | 225          | 1                  |
|                                                                                     | 8810.300    | 300          | 1                  |
|                                                                                     | 8810.375    | 375          | 1                  |
| <b>plain coupler F&amp;F</b>                                                        |             |              |                    |

|                                                                                     | Order Code   | Size<br>(mm) | Ctn/<br>Bag<br>Qty |
|-------------------------------------------------------------------------------------|--------------|--------------|--------------------|
|  | 8811.150     | 150          | 1                  |
|                                                                                     | 8811.175     | 175          | 1                  |
|                                                                                     | 8811.225     | 225          | 1                  |
|                                                                                     | 8811.300     | 300          | 1                  |
|                                                                                     | 8811.375     | 375          | 1                  |
| <b>slip/repair coupler F&amp;F</b>                                                  |              |              |                    |
|  | 8823.175.150 | 175x150      | 1                  |
|                                                                                     | 8823.225.175 | 225x175      | 1                  |
|                                                                                     | 8823.300.225 | 300x225      | 1                  |
|                                                                                     | 8823.375.225 | 375x225      | 1                  |
|                                                                                     | 8823.375.300 | 375x300      | 1                  |
| <b>reducing socket F&amp;F</b>                                                      |              |              |                    |

# SECTION 1

## PVC PRESSURE SYSTEMS

### IPLEX NOVAKEY® PVC-U PRESSURE FITTINGS - SCJ METRIC SERIES 1 - AS / NZS 1477

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

|                                                                                     | Order Code  | Size (mm) | Ctn / Bag Qty | Pressure Rating (Bar) |
|-------------------------------------------------------------------------------------|-------------|-----------|---------------|-----------------------|
|    | 801.15.90   | 15        | 440/10        | 18                    |
|                                                                                     | 801.20.90   | 20        | 250/10        | 18                    |
|                                                                                     | 801.25.90   | 25        | 120/10        | 18                    |
|                                                                                     | 801.32.90   | 32        | 80/10         | 18                    |
|                                                                                     | 801.40.90   | 40        | 50/10         | 18                    |
|                                                                                     | 801.50.90   | 50        | 25/5          | 18                    |
|                                                                                     | 801.65.90   | 65        | 15            | 15                    |
|                                                                                     | 801.80.90   | 80        | 9             | 15                    |
|                                                                                     | 801.100.90  | 100       | 5             | 15                    |
|                                                                                     | 801.125.90* | 125       | 5             | 15                    |
|  | 801.15.45   | 15        | 400/10        | 18                    |
|                                                                                     | 801.20.45   | 20        | 260/10        | 18                    |
|                                                                                     | 801.25.45   | 25        | 150           | 18                    |
|                                                                                     | 801.32.45   | 32        | 80/10         | 18                    |
|                                                                                     | 801.40.45   | 40        | 50/10         | 18                    |
|                                                                                     | 801.50.45   | 50        | 25/5          | 18                    |
|                                                                                     | 801.65.45*  | 65        | 12            | 16                    |
|                                                                                     | 801.80.45   | 80        | 12            | 15                    |
|                                                                                     | 801.100.45  | 100       | 6             | 15                    |
|                                                                                     | 801.125.45* | 125       | 6             | 15                    |
|  | 804.15      | 15        | 300/10        | 18                    |
|                                                                                     | 804.20      | 20        | 150/10        | 18                    |
|                                                                                     | 804.25      | 25        | 100/5         | 18                    |
|                                                                                     | 804.32      | 32        | 60/10         | 18                    |
|                                                                                     | 804.40      | 40        | 30/10         | 18                    |
|                                                                                     | 804.50      | 50        | 20/5          | 18                    |
|                                                                                     | 804.65      | 65        | 12            | 15                    |
|                                                                                     | 804.80      | 80        | 6             | 15                    |
|                                                                                     | 804.100     | 100       | 4             | 15                    |
|                                                                                     | 804.125*    | 125       | 6             | 15                    |
|                                                                                     | 804.150     | 150       | 1             | 12                    |
|                                                                                     | 804.200*    | 200       | 1             | 10                    |

|                                                                                     | Order Code | Size (mm) | Ctn / Bag Qty | Pressure Rating (Bar) |
|-------------------------------------------------------------------------------------|------------|-----------|---------------|-----------------------|
|    | 805.20.15  | 20 x 15   | 150/10        | 18                    |
|                                                                                     | 805.25.20  | 25 x 20   | 90/10         | 18                    |
|                                                                                     | 805.32.25  | 32 x 25   | 60/10         | 18                    |
|                                                                                     | 805.40.32  | 40 x 32   | 80/20         | 18                    |
|                                                                                     | 805.50.40  | 50 x 40   | 25/5          | 18                    |
|                                                                                     | 805.80.50  | 80 x 50   | 9             | 15                    |
|  | 805.100.50 | 100 x 50  | 4             | 15                    |
|                                                                                     | 806.15     | 15        | 500/10        | 18                    |
|                                                                                     | 806.20     | 20        | 320/10        | 18                    |
|                                                                                     | 806.25     | 25        | 180/10        | 18                    |
|                                                                                     | 806.32     | 32        | 120/10        | 18                    |
|                                                                                     | 806.40     | 40        | 80/10         | 18                    |
|                                                                                     | 806.50     | 50        | 50/5          | 18                    |
|                                                                                     | 806.65     | 65        | 15            | 10                    |
|                                                                                     | 806.80     | 80        | 44            | 15                    |
|                                                                                     | 806.100    | 100       | 12            | 15                    |
|  | 807.15     | 15        | 280/10        | 18                    |
|                                                                                     | 807.20     | 20        | 200/10        | 18                    |
|                                                                                     | 807.25     | 25        | 80/10         | 18                    |
|  | 808.15.90  | 15        | 380/10        | 18                    |
|                                                                                     | 808.20.90  | 20        | 200/10        | 18                    |
|                                                                                     | 808.25.90  | 25        | 120/10        | 18                    |
|                                                                                     | 808.32.90  | 32        | 70/10         | 18                    |

\*Grey fitting with parallel sockets.

Note: The Bag Quantity shown is the minimum order quantity for 15mm to 50mm pressure fittings

## Moulded PVC-U Sealing threads comply with relevant parts of AS/ISO 7.1 and AS/ISO 7.2

**Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex pressure fittings in this range may be subject to change without notice.**

# SECTION 1

## PVC PRESSURE SYSTEMS

### IPLEX NOVAKEY® PVC-U PRESSURE FITTINGS - SCJ METRIC SERIES 1 - AS / NZS 1477

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

|                                                                                                                       | Order Code | Size (mm) | Ctn / Bag Qty | Pressure Rating (Bar) |
|-----------------------------------------------------------------------------------------------------------------------|------------|-----------|---------------|-----------------------|
|  <b>compression coupling F&amp;F</b> | 809.15*    | 15        | 10            | 12                    |
|                                                                                                                       | 809.20*    | 20        | 120           | 12                    |
|                                                                                                                       | 809.25*    | 25        | 10            | 12                    |
|                                                                                                                       | 809.32*    | 32        | 50            | 12                    |
|                                                                                                                       | 809.40*    | 40        | 10            | 12                    |
|                                                                                                                       | 809.50*    | 50        | 20            | 12                    |
| * Rubber Ring compression style joint. These fittings can be purchased individually                                   |            |           |               |                       |
|  <b>plain coupler F&amp;F</b>      | 810.15     | 15        | 420/10        | 18                    |
|                                                                                                                       | 810.20     | 20        | 400/10        | 18                    |
|                                                                                                                       | 810.25     | 25        | 230/10        | 18                    |
|                                                                                                                       | 810.32     | 32        | 140/10        | 18                    |
|                                                                                                                       | 810.40     | 40        | 80/10         | 18                    |
|                                                                                                                       | 810.50     | 50        | 50/5          | 18                    |
|                                                                                                                       | 810.65     | 65        | 28            | 15                    |
|                                                                                                                       | 810.80     | 80        | 18            | 15                    |
|  <b>socket union F&amp;F</b>       | 810.100    | 100       | 10            | 15                    |
|                                                                                                                       | 810.150    | 150       | 2             | 12                    |
|                                                                                                                       | 811.15     | 15        | 160/10        | 18                    |
|                                                                                                                       | 811.20     | 20        | 140/20        | 18                    |
|                                                                                                                       | 811.25     | 25        | 80/10         | 18                    |
|                                                                                                                       | 811.32     | 32        | 60/10         | 18                    |
|                                                                                                                       | 811.40     | 40        | 45/5          | 18                    |
|                                                                                                                       | 811.50     | 50        | 30/5          | 18                    |
| These fittings can be purchased individually.                                                                         |            |           |               |                       |

|                                                                                                                    | Order Code  | Size (mm) | Ctn / Bag Qty | Pressure Rating (Bar) |
|--------------------------------------------------------------------------------------------------------------------|-------------|-----------|---------------|-----------------------|
|  <b>valve socket M&amp;F##</b>    | 813.15      | 15        | 550/10        | 18                    |
|                                                                                                                    | 813.20      | 20        | 320/10        | 18                    |
|                                                                                                                    | 813.25      | 25        | 200/10        | 18                    |
|                                                                                                                    | 813.32      | 32        | 130/10        | 18                    |
|                                                                                                                    | 813.40      | 40        | 100/10        | 18                    |
|                                                                                                                    | 813.50      | 50        | 50/5          | 18                    |
|                                                                                                                    | 813.65      | 65        | 40            | 12                    |
|                                                                                                                    | 813.80      | 80        | 30            | 15                    |
|  <b>valve spigot M&amp;M##</b>   | 813.100     | 100       | 16            | 15                    |
|                                                                                                                    | 817.15      | 15        | 650/10        | 18                    |
|                                                                                                                    | 817.20      | 20        | 350/10        | 18                    |
|                                                                                                                    | 817.25      | 25        | 240/10        | 18                    |
|                                                                                                                    | 817.32      | 32        | 140/10        | 18                    |
|                                                                                                                    | 817.40      | 40        | 110/10        | 18                    |
|  <b>threaded bush M&amp;F##</b> | 817.50      | 50        | 60/5          | 18                    |
|                                                                                                                    | 818.20.15   | 20x15     | 800/10        | 18                    |
|  <b>reducing socket F&amp;F</b> | 818.25.20   | 25x20     | 400/10        | 18                    |
|                                                                                                                    | 823.20.15   | 20x15     | 380/10        | 18                    |
|                                                                                                                    | 823.25.20   | 25x20     | 260/10        | 18                    |
|                                                                                                                    | 823.32.25   | 32x25     | 120/10        | 18                    |
|                                                                                                                    | 823.40.32   | 40x32     | 70/10         | 18                    |
|                                                                                                                    | 823.50.40   | 50x40     | 60/5          | 18                    |
|                                                                                                                    | 823.65.50   | 65x50     | 48            | 15                    |
|                                                                                                                    | 823.80.50   | 80x50     | 30            | 15                    |
|                                                                                                                    | 823.80.65   | 80x65     | 18            | 15                    |
|                                                                                                                    | 823.100.80  | 100x80    | 16            | 15                    |
|                                                                                                                    | 823.125.100 | 125x100   | 6             | 15                    |
|                                                                                                                    | 823.150.100 | 150x100   | 4             | 12                    |

## Moulded PVC-U Sealing threads comply with relevant parts of AS/ISO 7.1 and AS/ISO 7.2

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# SECTION 1

## PVC PRESSURE SYSTEMS

### IPLEX NOVAKEY® PVC-U PRESSURE FITTINGS - SCJ METRIC SERIES 1 - AS / NZS 1477

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

|                                                                                                                                                          | Order Code   | Size (mm) | Ctn / Bag Qty | Pressure Rating (Bar) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|---------------|-----------------------|
| <br><b>reducing bush M&amp;F</b>                                        | 824.20.15    | 20x15     | 850/10        | 18                    |
|                                                                                                                                                          | 824.25.15    | 25x15     | 750/10        | 18                    |
|                                                                                                                                                          | 824.25.20    | 25x20     | 600/10        | 18                    |
|                                                                                                                                                          | 824.32.25    | 32x25     | 370/10        | 18                    |
|                                                                                                                                                          | 824.40.25    | 40x25     | 280/10        | 18                    |
|                                                                                                                                                          | 824.40.32    | 40x32     | 280/10        | 18                    |
|                                                                                                                                                          | 824.50.25    | 50x25     | 120/5         | 18                    |
|                                                                                                                                                          | 824.50.40    | 50x40     | 120/5         | 18                    |
|                                                                                                                                                          | 824.65.50    | 65x50     | 90            | 15                    |
|                                                                                                                                                          | 824.80.50    | 80x50     | 55            | 15                    |
|                                                                                                                                                          | 824.80.65*   | 80x65     | 36            | 15                    |
|                                                                                                                                                          | 824.100.50   | 100x50    | 30            | 15                    |
|                                                                                                                                                          | 824.100.80   | 100x80    | 30            | 15                    |
|                                                                                                                                                          | 824.125.100* | 125x100   | 20            | 12                    |
|                                                                                                                                                          | 824.150.100  | 150x125   | 9             | 12                    |
|                                                                                                                                                          | 824.150.125* | 150x125   | 9             | 12                    |
| <br><b>full face flange F (use with 842 gasket)</b>                   | 825.50       | 50        | 30            | 18                    |
|                                                                                                                                                          | 825.65       | 65        | 20            | 15                    |
|                                                                                                                                                          | 825.80       | 80        | 12            | 15                    |
|                                                                                                                                                          | 825.100      | 100       | 9             | 15                    |
|                                                                                                                                                          | 825.150      | 150       | 4             | 12                    |
| <br><b>stub flange F (use with 827 backing ring &amp; 845 gasket)</b> | 826.50*      | 50        | 48            | 18                    |
|                                                                                                                                                          | 826.65       | 65        | 42            | 15                    |
|                                                                                                                                                          | 826.80       | 80        | 25            | 15                    |
|                                                                                                                                                          | 826.100      | 100       | 14            | 15                    |
|                                                                                                                                                          | 826.125*     | 125       | 8             | 16                    |
|                                                                                                                                                          | 826.150      | 150       | 4             | 12                    |
|                                                                                                                                                          | 826.200*     | 200       | 6             | 10                    |
|                                                                                                                                                          | 826.300*     | 300       | 3             | 10                    |

NB: Holes must be drilled to suit the application. Same method can be used with some non-British standard flanges.

|                                                                                                                                                                     | Order Code | Size (mm) | Ctn / Bag Qty | Pressure Rating (Bar) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|---------------|-----------------------|
| <br><b>metal backing ring for 826 stub flange drilled to AS2129 (BS10) table E</b> | 827.50     | 50        | 100/1         |                       |
|                                                                                                                                                                     | 827.65     | 65        | 100/10        |                       |
|                                                                                                                                                                     | 827.80     | 80        | 100/10        |                       |
|                                                                                                                                                                     | 827.100    | 100       | 100/10        |                       |
|                                                                                                                                                                     | 827.125    | 125       | 10/1          |                       |
|                                                                                                                                                                     | 827.150    | 150       | 100/10        |                       |
|                                                                                                                                                                     | 827.200    | 200       | 50/1          |                       |
|                                                                                                                                                                     | 827.300    | 300       | 10/1          |                       |
|                                                                                                                                                                     | 830.15     | 15        | 600/10        | 18                    |
|                                                                                                                                                                     | 830.20     | 20        | 500/10        | 18                    |
| <br><b>plain end cap F</b>                                                       | 830.25     | 25        | 300/10        | 18                    |
|                                                                                                                                                                     | 830.32     | 32        | 220/10        | 18                    |
|                                                                                                                                                                     | 830.40     | 40        | 160/10        | 18                    |
|                                                                                                                                                                     | 830.50     | 50        | 80/5          | 18                    |
|                                                                                                                                                                     | 830.65     | 65        | 48            | 15                    |
|                                                                                                                                                                     | 830.80     | 80        | 36            | 15                    |
|                                                                                                                                                                     | 830.100    | 100       | 20            | 15                    |
|                                                                                                                                                                     | 830.125    | 125       | 14            | 15                    |
|                                                                                                                                                                     | 830.150    | 150       | 5             | 12                    |
|                                                                                                                                                                     | 837.15     | 15        | 900/10        | 18                    |
| <br><b>threaded end plug M##</b>                                                 | 837.20     | 20        | 700/10        | 18                    |
|                                                                                                                                                                     | 837.25     | 25        | 500/10        | 18                    |
|                                                                                                                                                                     | 837.32     | 32        | 120/10        | 18                    |
|                                                                                                                                                                     | 837.40     | 40        | 100/10        | 18                    |
|                                                                                                                                                                     | 837.50     | 50        | 50/5          | 18                    |
|                                                                                                                                                                     | 837.80     | 80        | 40            | 15                    |
|                                                                                                                                                                     | 837.100    | 100       | 12            | 15                    |
| <br><b>pipe clip</b>                                                             | 840.15     | 15        |               |                       |
|                                                                                                                                                                     | 840.20     | 20        |               |                       |
|                                                                                                                                                                     | 840.25     | 25        |               |                       |
|                                                                                                                                                                     | 840.32     | 32        |               |                       |
|                                                                                                                                                                     | 840.40     | 300       |               |                       |
|                                                                                                                                                                     | 840.50     | 300       |               |                       |

## Moulded PVC-U Sealing threads comply with relevant parts of AS/ISO 7.1 and AS/ISO 7.2  
\*Grey fittings with parallel sockets.

**Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex pressure fittings in this range may be subject to change without notice.**

# SECTION 1

## PVC PRESSURE SYSTEMS

### IPLEX NOVAKEY® PRESSURE FLANGE GASKETS

|                                                                                                                                          | Order Code | Size (mm) | Ctn/<br>Bag<br>Qty |
|------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|--------------------|
| <br><b>neoprene gasket for<br/>full face flange 825</b> | 842.50     | 50        | 1                  |
|                                                                                                                                          | 842.65     | 65        | 1                  |
|                                                                                                                                          | 842.80     | 80        | 1                  |
|                                                                                                                                          | 842.100    | 100       | 1                  |
|                                                                                                                                          | 842.150    | 150       | 1                  |
| <br><b>neoprene gasket for<br/>stub flange 826</b>      | 845.50     | 50        | 1                  |
|                                                                                                                                          | 845.65     | 65        | 1                  |
|                                                                                                                                          | 845.80     | 80        | 1                  |
|                                                                                                                                          | 845.100    | 100       | 1                  |
|                                                                                                                                          | 845.125    | 125       | 1                  |
|                                                                                                                                          | 845.150    | 150       | 1                  |
|                                                                                                                                          | 845.200    | 200       | 1                  |
|                                                                                                                                          | 845.300    | 300       | 1                  |

Maximum working pressure size range:  
NOVAKEY Moulded PVC-U fittings (except as stated)

15-50mm .....1800kPa, PN18

65-125mm .....1500kPa, PN15

150mm .....1200kPa, PN12

200mm .....1000kPa, PN10

This is a general guide only. If in doubt, check the pressure rating on the fitting or contact Iplex Pipelines at <https://www.iplex.co.nz/contact/>

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## NOTES



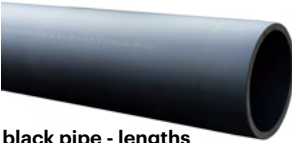
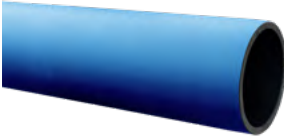
# PE PRESSURE SYSTEMS

## SECTION 2

### PE PRESSURE SYSTEMS

## IPLEX POLIPLEX® PE100 PRESSURE PIPE - AS/NZS 4130

### PRESSURE WATER APPLICATIONS

|                                                                                                                           | Order Code | Size (mm)<br># | Colour<br>Options # | PN Class<br>Options #        | Maximum<br>Length<br>Options (m) # | Drum Coil<br>Length<br>Options (m) # |
|---------------------------------------------------------------------------------------------------------------------------|------------|----------------|---------------------|------------------------------|------------------------------------|--------------------------------------|
| <br><b>black pipe - lengths</b>          | 3500.75    | 75             | B, CX, MS           | 8, 10, 12.5, 16,             | 200                                | 1000                                 |
|                                                                                                                           | 3500.90    | 90             | B, CX, MS           | 8, 10, 12.5, 16,<br>20, 25   | 100                                | 850                                  |
|                                                                                                                           | 3500.110   | 110            | B, CX, MS           | 8, 10, 12.5, 16,             | 100                                | 600                                  |
|                                                                                                                           | 3500.125   | 125            | B, CX, MS           | 10, 12.5, 16, 20             | 18, 100                            | 500                                  |
| <br><b>CX blue pipe - lengths</b>       | 3500.140   | 140            | B, CX, MS           | 8, 10, 12.5, 16,             | 18, 100                            | 340                                  |
|                                                                                                                           | 3500.160   | 160            | B, CX, MS           | 6.3, 8, 10, 12.5, 16         | 18, 100                            |                                      |
|                                                                                                                           | 3500.180   | 180            | B, CX, MS           | 6.3, 8, 10, 12.5, 16         | 18                                 |                                      |
|                                                                                                                           | 3500.200   | 200            | B, CX, MS           | 6.3, 8, 10, 12.5,<br>16, 25  | 18                                 |                                      |
| <br><b>black pipe - coils</b>          | 3500.225   | 225            | B, CX, MS           | 6.3, 8, 10, 12.5, 16,        | 18                                 |                                      |
|                                                                                                                           | 3500.250   | 250            | B, CX, MS           | 6.3, 8, 10, 12.5,<br>16, 20, | 18                                 |                                      |
|                                                                                                                           | 3500.280   | 280            | B, CX, MS           | 6.3, 8, 10, 12.5, 16,        | 18                                 |                                      |
|                                                                                                                           | 3500.315   | 315            | B, CX, MS           | 6.3, 8, 10, 12.5,<br>16, 20, | 18                                 |                                      |
| <br><b>CX blue pipe - coils</b>        | 3500.355   | 355            | B, CX, MS           | 6.3, 8, 10, 12.5,<br>16, 20  | 18                                 |                                      |
|                                                                                                                           | 3500.400   | 400            | B, CX, MS           | 6.3, 8, 10, 12.5, 16,        | 18                                 |                                      |
|                                                                                                                           | 3500.450   | 450            | B, CX, MS           | 6.3, 8, 10, 12.5, 16,        | 18                                 |                                      |
|                                                                                                                           | 3500.500   | 500            | B, CX, MS           | 6.3, 8, 10, 12.5,<br>16, 20, | 17, 18                             |                                      |
| <br><b>MS blue stripe pipe - coils</b> | 3500.560   | 560            | B, CX, MS           | 6.3, 8, 10, 12.5, 16         | 16, 18                             |                                      |
|                                                                                                                           | 3500.630   | 630            | B, CX, MS           | 6.3, 8, 10, 12.5, 16         | 14, 16, 18                         |                                      |
|                                                                                                                           | 3500.710   | 710            | B, CX, MS           | 6.3, 8, 10, 12.5, 16         | 15                                 |                                      |

#### # Availability

- 3500 Series products are not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

#### # Lengths

- Maximum lengths available are subject to PN Class and weight limits
- All pipe lengths are subject to PN class, maximum weight limits, and maximum length limits to transport manufacturing lead times and tooling availability

#### # Colours

- 3500 Series pipe colour options may include black, or coloured coextruded (CX) jackets, or coloured Multi-stripes (MS), including Blue, Cream, or Purple and may be subject to minimum production quantities, manufacturing lead times and tooling availability.

#### # Drum Coils

- All Drum Coil lengths are subject to PN class, maximum weight limits and maximum length limits to transport, manufacturing lead times and tooling availability.

## SECTION 2

### PE PRESSURE SYSTEMS

## IPLEX POLIPLEX® PE100 PRESSURE PIPE - AS/NZS 4130

### PRESSURE SEWER & WASTE WATER APPLICATIONS

|                                                                                                                          | Order Code | Size (mm) | Colour Options# | PN Class Options# | Maximum Length# Options (m) | Drum Coil Length # Options (m) |
|--------------------------------------------------------------------------------------------------------------------------|------------|-----------|-----------------|-------------------|-----------------------------|--------------------------------|
| <br><b>CMS cream multi-striped pipe</b> | 3100.40    | 40        | CX, MS          | 16                | 100, 700                    |                                |
|                                                                                                                          | 3100.50    | 50        | CX, MS          | 16                | 100, 300                    |                                |
|                                                                                                                          | 3100.63    | 63        | CX, MS          | 16                | 100, 200                    |                                |
|                                                                                                                          | 3100.75    | 75        | CX, MS          | 12.5, 16          | 200                         | 1000                           |
|                                                                                                                          | 3100.90    | 90        | CX, MS          | 12.6, 16          | 100                         | 850                            |
| <br><b>CX cream jacket pipe</b>         | 3100.110   | 110       | CX, MS          | 12.5, 16          | 100                         | 600                            |
|                                                                                                                          | 3100.125   | 125       | CX, MS          | 12.5, 16          | 18, 100                     | 500                            |
|                                                                                                                          | 3100.140   | 140       | CX, MS          | 12.5, 16          | 18, 100                     | 340                            |
|                                                                                                                          | 3100.160   | 160       | CX, MS          | 12.5, 16          | 18, 100                     | 300                            |
|                                                                                                                          | 3100.180   | 180       | CX, MS          | 12.5, 16          | 18                          |                                |
| <br><b>Black pipe - drum coil</b>     | 3100.200   | 200       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.225   | 225       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.250   | 250       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.280   | 280       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.315   | 315       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.355   | 355       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.400   | 400       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.450   | 450       | CX, MS          | 12.5, 16          | 18                          |                                |
|                                                                                                                          | 3100.500   | 500       | CX, MS          | 12.5, 16          | 16, 17, 18                  |                                |
|                                                                                                                          | 3100.560   | 560       | CX, MS          | 12.5, 16          | 16, 18                      |                                |
|                                                                                                                          | 3100.630   | 630       | CX, MS          | 12.5, 16          | 14, 16, 18                  |                                |
|                                                                                                                          | 3100.710   | 710       | CX, MS          | 12.5, 16          | 12, 15                      |                                |

#### # Availability

- 3100 Series products are not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

#### # Lengths

- Maximum lengths available are subject to PN Class and weight limits
- All pipe lengths are subject to PN class, maximum weight limits, and maximum length limits to transport.

#### # Colours

- 3100 Series pipe colour options may include cream coextruded (CX) jackets, or cream Multi-stripes (MS), and may be subject to minimum production quantities, manufacturing lead times and tooling availability.

#### # Drum Coils

- All Drum Coil lengths are subject to PN class, maximum weight limits and maximum length limits to transport, manufacturing lead times and tooling availability.

## SECTION 2

### PE PRESSURE SYSTEMS

## IPLEX MOBILE EXTRUSION PE100 PRESSURE PIPE - AS/NZS 4130

PRESSURE WATER, OR PRESSURE SEWER & WASTE WATER APPLICATIONS

|                                                                                                                                        | Order Code | Size (mm) | Colour Options# | PN Class Options #      | Maximum Length# Options (m) |
|----------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-----------------|-------------------------|-----------------------------|
|  <p>black pipe -100m lengths manufactured on site</p> | 3500ME.75  | 75        | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 12, 100, 200                |
|                                                                                                                                        | 3500ME.90  | 90        | B, CX, MS       | 4, 6.3, 8, 10, 12.6, 16 | 12, 100                     |
|                                                                                                                                        | 3500ME.110 | 110       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 12, 100                     |
|                                                                                                                                        | 3500ME.125 | 125       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 15, 100                     |
|                                                                                                                                        | 3500ME.140 | 140       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 15, 100                     |
|                                                                                                                                        | 3500ME.160 | 160       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 22                          |
|                                                                                                                                        | 3500ME.180 | 180       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 22                          |
|                                                                                                                                        | 3500ME.200 | 200       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 22                          |
|                                                                                                                                        | 3500ME.225 | 225       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 22                          |
|                                                                                                                                        | 3500ME.250 | 250       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 22                          |
|  <p>Iplex NZ Mobile Extrusion Factory</p>           | 3500ME.280 | 280       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.315 | 315       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.355 | 355       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.400 | 400       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.450 | 450       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.500 | 500       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.560 | 560       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.630 | 630       | B, CX, MS       | 4, 6.3, 8, 10, 12.5, 16 | 25                          |
|                                                                                                                                        | 3500ME.710 | 710       | B, CX, MS       | 4, 6.3, 8, 10, 12.5     | 25                          |

#### # Availability

- 3500ME Series products are not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

#### # Lengths

- Maximum lengths available are subject to PN Class and weight limits
- All pipe lengths are subject to PN class, maximum weight limits, and maximum length limits to transport.

#### # Colours

- 3500 ME Series pipe colour options may include black, coextruded (CX) jackets, or Multi-stripes (MS), in blue, cream, or purple, and may be subject to minimum production quantities, manufacturing lead times and tooling availability.

## SECTION 2

### PE PRESSURE SYSTEMS

#### IPLEX BLUELINE™ PE80 PRESSURE PIPE - AS/NZS 4130

##### PRESSURE WATER APPLICATIONS

|                                                                                                                         | Order Code        | Size (mm) | Coil length (m) |
|-------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|-----------------|
|  <b>CX blue jacket pipe<br/>PN12.5</b> | 2500.20PN12.5.25  | 20        | 25              |
|                                                                                                                         | 2500.20PN12.5.50  | 20        | 50              |
|                                                                                                                         | 2500.20PN12.5.100 | 20        | 100             |
|                                                                                                                         | 2500.25PN12.5.25  | 25        | 25              |
|                                                                                                                         | 2500.25PN12.5.50  | 25        | 50              |
|                                                                                                                         | 2500.25PN12.5.100 | 25        | 100             |
|                                                                                                                         | 2500.32PN12.5.25  | 32        | 25              |
|                                                                                                                         | 2500.32PN12.5.50  | 32        | 50              |
|                                                                                                                         | 2500.32PN12.5.100 | 32        | 100             |

| Order Code        | Size (mm) | Coil length (m) |
|-------------------|-----------|-----------------|
| 2500.40PN12.5.25  | 40        | 25              |
| 2500.40PN12.5.50  | 40        | 50              |
| 2500.40PN12.5.100 | 40        | 100             |
| 2500.50PN12.5.25  | 50        | 25              |
| 2500.50PN12.5.50  | 50        | 50              |
| 2500.50PN12.5.100 | 50        | 100             |
| 2500.63PN12.5.25  | 63        | 25              |
| 2500.63PN12.5.50  | 63        | 50              |
| 2500.63PN12.5.100 | 63        | 100             |

#### PLASSON SERIES 1 COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE®, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

|                                                                                                                                     | Order Code | Size (mm)      | Ctn/Bag | Pressure Rating (Bar) |
|-------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|---------|-----------------------|
|  <b>90° elbow F&amp;F</b>                        | 3501.20    | 20mm           | 300/10  | 16                    |
|                                                                                                                                     | 3501.25    | 25mm           | 200/10  | 16                    |
|                                                                                                                                     | 3501.32    | 32mm           | 130/5   | 16                    |
|                                                                                                                                     | 3501.40    | 40mm           | 75/1    | 16                    |
|                                                                                                                                     | 3501.50    | 50mm           | 45/1    | 16                    |
|                                                                                                                                     | 3501.63    | 63mm           | 25/5    | 16                    |
|  <b>female threaded branch tee F&amp;F&amp;F</b> | 3503.20.15 | 20mm x 1/2"    | 180/10  | 16                    |
|                                                                                                                                     | 3503.25.15 | 25mm x 1/2"    | 150/5   | 16                    |
|                                                                                                                                     | 3503.25.20 | 25mm x 3/4"    | 140/5   | 16                    |
|                                                                                                                                     | 3503.32.25 | 32mm x 1"      | 100/5   | 16                    |
|  <b>90° tee F&amp;F&amp;F</b>                    | 3504.20    | 20mm           | 180/10  | 16                    |
|                                                                                                                                     | 3504.25    | 25mm           | 130/5   | 16                    |
|                                                                                                                                     | 3504.32    | 32mm           | 80/5    | 16                    |
|                                                                                                                                     | 3504.40    | 40mm           | 50/1    | 16                    |
|                                                                                                                                     | 3504.50    | 50mm           | 30/1    | 16                    |
|                                                                                                                                     | 3504.63    | 63mm           | 14/1    | 16                    |
|  <b>reducing tee F&amp;F&amp;F</b>               | 3505.25.20 | 25 x 20 x 25mm | 150/5   | 16                    |
|                                                                                                                                     | 3505.32.20 | 32 x 20 x 32mm | 100/5   | 16                    |
|                                                                                                                                     | 3505.32.25 | 32 x 25 x 32mm | 100/5   | 16                    |
|  <b>female threaded adaptor F&amp;F</b>          | 3506.20.15 | 20mm x 1/2"    | 500/10  | 16                    |
|                                                                                                                                     | 3506.25.20 | 25mm x 3/4"    | 400/10  | 16                    |
|                                                                                                                                     | 3506.32.25 | 32mm x 1"      | 280/5   | 16                    |
|                                                                                                                                     | 3506.40.32 | 40mm x 1 1/4"  | 135/1   | 16                    |
|                                                                                                                                     | 3506.50.40 | 50mm x 1 1/2"  | 90/1    | 16                    |
|                                                                                                                                     | 3506.63.50 | 63mm x 2"      | 45/1    | 16                    |

## SECTION 2

### PE PRESSURE SYSTEMS

## PLASSON SERIES 1 COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

|                                                                                                                                      | Order Code | Size (mm)  | Ctn/ Bag | Pressure Rating (Bar) |
|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------|-----------------------|
| <br><b>90° male threaded elbow M&amp;F</b>          | 3507.25.20 | 25mm x ¾"  | 150/10   | 16                    |
|                                                                                                                                      | 3507.32.25 | 32mm x 1"  | 180/5    | 16                    |
| <br><b>90° female threaded elbow F&amp;F</b>        | 3508.20.15 | 20mm x ½"  | 240/10   | 16                    |
|                                                                                                                                      | 3508.25.15 | 25mm x ½"  | 220/5    | 16                    |
|                                                                                                                                      | 3508.25.20 | 25mm x ¾"  | 300/5    | 16                    |
|                                                                                                                                      | 3508.32.25 | 32mm x 1"  | 200/5    | 16                    |
|                                                                                                                                      | 3508.50.40 | 50mm x 1½" | 60/1     | 16                    |
|                                                                                                                                      | 3508.63.50 | 63mm x 2"  | 35/1     | 16                    |
| <br><b>female wingback adaptor F&amp;F</b>        | 3509.20.15 | 20mm x ½"  | 160/5    | 16                    |
| <br><b>coupling F&amp;F</b>                       | 3510.20    | 20mm       | 350/10   | 16                    |
|                                                                                                                                      | 3510.25    | 25mm       | 300/10   | 16                    |
|                                                                                                                                      | 3510.32    | 32mm       | 150/5    | 16                    |
|                                                                                                                                      | 3510.40    | 40mm       | 100/1    | 16                    |
|                                                                                                                                      | 3510.50    | 50mm       | 55/1     | 16                    |
|                                                                                                                                      | 3510.63    | 63mm       | 38/1     | 16                    |
| <br><b>universal slip repair coupling F&amp;F</b> | 3511.14-18 | 14-18mm    | 120/1    | 16                    |
|                                                                                                                                      | 3511.19-22 | 19-22mm    | 90/1     | 16                    |
|                                                                                                                                      | 3511.24-28 | 24-28mm    | 56/1     | 16                    |
|                                                                                                                                      | 3511.31-35 | 31 - 35mm  | 40/1     | 16                    |
|                                                                                                                                      | 3511.40-43 | 40 - 43mm  | 30/1     | 16                    |
|                                                                                                                                      | 3511.48-51 | 48 - 51mm  | 20/1     | 16                    |
|                                                                                                                                      | 3511.60-64 | 60 - 64mm  | 10/1     | 16                    |

|                                                                                                                           | Order Code    | Size (mm)   | Ctn/ Bag | Pressure Rating (Bar) |
|---------------------------------------------------------------------------------------------------------------------------|---------------|-------------|----------|-----------------------|
| <br><b>universal coupling F&amp;F</b>    | 3512.25.14-18 | 25 x 14-18  | 180/5    | 16                    |
|                                                                                                                           | 3512.25.19-22 | 25 x 19-22  | 150/5    | 16                    |
|                                                                                                                           | 3512.25.24-28 | 25 x 24-28  | 120/5    | 16                    |
| <br><b>male threaded adaptor M&amp;F</b> | 3513.20.15    | 20mm x ½"   | 500/10   | 16                    |
|                                                                                                                           | 3513.25.20    | 25mm x ¾"   | 400/10   | 16                    |
|                                                                                                                           | 3513.32.25    | 32mm x 1"   | 250/5    | 16                    |
|                                                                                                                           | 3513.40.32    | 40mm x 1¼"  | 135/1    | 16                    |
|                                                                                                                           | 3513.50.40    | 50mm x 1½"  | 90/1     | 16                    |
|                                                                                                                           | 3513.63.50    | 63mm x 2"   | 50/1     | 16                    |
| <br><b>reducing coupler F&amp;F</b>    | 3523.25.20    | 25mm x 20mm | 300/10   | 16                    |
|                                                                                                                           | 3523.32.20    | 32mm x 20mm | 200/5    | 16                    |
|                                                                                                                           | 3523.32.25    | 32mm x 25mm | 200/5    | 16                    |
|                                                                                                                           | 3523.40.32    | 40mm x 32mm | 100/1    | 16                    |
|                                                                                                                           | 3523.50.25    | 50mm x 25mm | 80/1     | 16                    |
|                                                                                                                           | 3523.63.50    | 63mm x 50mm | 35/1     | 16                    |
| <br><b>end plug F</b>                  | 3530.20       | 20mm        | 700/10   | 16                    |
|                                                                                                                           | 3530.25       | 25mm        | 500/10   | 16                    |
|                                                                                                                           | 3530.32       | 32mm        | 300/5    | 16                    |
|                                                                                                                           | 3530.40       | 40mm        | 150/1    | 16                    |
|                                                                                                                           | 3530.50       | 50mm        | 110/1    | 16                    |
|                                                                                                                           | 3530.63       | 63mm        | 55/1     | 16                    |
| <br><b>wrench-plasson series 1</b>     | Wrench.2032*  | 20mm x 32mm | 300/1    | -                     |
|                                                                                                                           | Wrench.4063*  | 40mm x 63mm | 100/1    | -                     |

\*For fitting disassembly only

## SECTION 2

### PE PRESSURE SYSTEMS

## PLASSON LINE 7

### COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

|                                                                                                                                        | Order Code   | Size (mm)     | Ctn/Bag | Pressure Rating (Bar) |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|---------|-----------------------|
| <br><b>90° elbow F&amp;F</b>                          | 2501.20.90   | 20 x 90°      | 200/10  | 16                    |
|                                                                                                                                        | 2501.25.90   | 25 x 90°      | 150/10  | 16                    |
|                                                                                                                                        | 2501.32.90   | 32 x 90°      | 100/5   | 16                    |
|                                                                                                                                        | 2501.40.90   | 40 x 90°      | 60/1    | 16                    |
|                                                                                                                                        | 2501.50.90   | 50 x 90°      | 35/1    | 16                    |
|                                                                                                                                        | 2501.63.90   | 63 x 90°      | 24/1    | 16                    |
|                                                                                                                                        | 2501.75.90   | 75 x 90°      | 12/1    | 16                    |
|                                                                                                                                        | 2501.90.90   | 90 x 90°      | 8/1     | 16                    |
|                                                                                                                                        | 2501.110.90  | 110 x 90°     | 4/1     | 16                    |
| <br><b>45° elbow F&amp;F</b>                         | 2501.32.45   | 32 x 45°      | 100/5   | 16                    |
|                                                                                                                                        | 2501.40.45   | 40 x 45°      | 60/1    | 16                    |
|                                                                                                                                        | 2501.50.45   | 50 x 45°      | 40/1    | 16                    |
| <br><b>90° slip tee F&amp;F&amp;F</b>               | 2502.20      | 20            | 140/10  | 16                    |
|                                                                                                                                        | 2502.25      | 25            | 100/5   | 16                    |
|                                                                                                                                        | 2502.32      | 32            | 60/5    | 16                    |
|                                                                                                                                        | 2502.40      | 40            | 40/1    | 12.5                  |
|                                                                                                                                        | 2502.50      | 50            | 25/1    | 12.5                  |
|                                                                                                                                        | 2502.63      | 63            | 16/1    | 12.5                  |
| <br><b>female threaded branch tee F&amp;F&amp;F</b> | 2503.20.15   | 20mm x 1/2"   | 180/10  | 16                    |
|                                                                                                                                        | 2503.25.20   | 25mm x 3/4"   | 140/5   | 16                    |
|                                                                                                                                        | 2503.32.25   | 32mm x 1"     | 80/5    | 16                    |
|                                                                                                                                        | 2503.40.32   | 40mm x 1 1/4" | 55/1    | 16                    |
|                                                                                                                                        | 2503.50.40   | 50mm x 1 1/2" | 36/1    | 16                    |
|                                                                                                                                        | 2503.63.50   | 63mm x 2"     | 20/1    | 16                    |
|                                                                                                                                        | 2503.75.65   | 75mm x 2 1/2" | 10/1    | 16                    |
|                                                                                                                                        | 2503.90.80   | 90mm x 3"     | 7/1     | 10                    |
|                                                                                                                                        | 2503.110.100 | 110mm x 4"    | 4/1     | 6                     |
| <br><b>90° plain tee F&amp;F&amp;F</b>              | 2504.20      | 20            | 120/10  | 16                    |
|                                                                                                                                        | 2504.25      | 25            | 100/5   | 16                    |
|                                                                                                                                        | 2504.32      | 32            | 60/5    | 16                    |
|                                                                                                                                        | 2504.40      | 40            | 40/1    | 16                    |
|                                                                                                                                        | 2504.50      | 50            | 25/1    | 16                    |
|                                                                                                                                        | 2504.63      | 63            | 16/1    | 16                    |
|                                                                                                                                        | 2504.75      | 75            | 8/1     | 16                    |
|                                                                                                                                        | 2504.90      | 90            | 5/1     | 16                    |
|                                                                                                                                        | 2504.110     | 110           | 2/1     | 16                    |

|                                                                                                                                 | Order Code | Size (mm)     | Ctn/Bag | Pressure Rating (Bar) |
|---------------------------------------------------------------------------------------------------------------------------------|------------|---------------|---------|-----------------------|
| <br><b>reducing branch tee F&amp;F&amp;F</b>   | 2505.25.20 | 25 x 20       | 100/5   | 16                    |
|                                                                                                                                 | 2505.32.25 | 32 x 25       | 70/5    | 16                    |
|                                                                                                                                 | 2505.40.32 | 40 x 32       | 40/1    | 16                    |
|                                                                                                                                 | 2505.50.40 | 50 x 40       | 30/1    | 16                    |
|                                                                                                                                 | 2505.63.50 | 63 x 50       | 18/1    | 16                    |
|                                                                                                                                 | 2505.75.63 | 75 x 63       | 10/1    | 16                    |
| <br><b>female threaded adaptor F&amp;F</b>    | 2506.20    | 20mm x 1/2"   | 350/10  | 16                    |
|                                                                                                                                 | 2506.25    | 25mm x 3/4"   | 250/10  | 16                    |
|                                                                                                                                 | 2506.32    | 32mm x 1"     | 150/5   | 16                    |
|                                                                                                                                 | 2506.40    | 40mm x 1 1/4" | 110/1   | 16                    |
|                                                                                                                                 | 2506.50    | 50mm x 1 1/2" | 70/1    | 16                    |
|                                                                                                                                 | 2506.63    | 63mm x 2"     | 48/1    | 16                    |
|                                                                                                                                 | 2506.75.65 | 75mm x 2 1/2" | 28/1    | 16                    |
|                                                                                                                                 | 2506.90    | 90mm x 3"     | 16/1    | 10                    |
|                                                                                                                                 | 2506.110   | 110mm x 4"    | 8/1     | 6                     |
| <br><b>90° male threaded elbow M&amp;F</b>   | 2507.20    | 20mm x 1/2"   | 350/10  | 16                    |
|                                                                                                                                 | 2507.25    | 25mm x 3/4"   | 250/10  | 16                    |
|                                                                                                                                 | 2507.32    | 32mm x 1"     | 140/5   | 16                    |
|                                                                                                                                 | 2507.40    | 40mm x 1 1/4" | 90/1    | 16                    |
|                                                                                                                                 | 2507.50    | 50mm x 1 1/2" | 55/1    | 16                    |
|                                                                                                                                 | 2507.63    | 63mm x 2"     | 35/1    | 16                    |
| <br><b>90° female threaded elbow F&amp;F</b> | 2508.20    | 20mm x 1/2"   | 350/10  | 16                    |
|                                                                                                                                 | 2508.25    | 25mm x 3/4"   | 250/10  | 16                    |
|                                                                                                                                 | 2508.32    | 32mm x 1"     | 150/5   | 16                    |
|                                                                                                                                 | 2508.40    | 40mm x 1 1/4" | 90/1    | 16                    |
|                                                                                                                                 | 2508.50    | 50mm x 1 1/2" | 60/1    | 16                    |
|                                                                                                                                 | 2508.63    | 63mm x 2"     | 35/1    | 16                    |
| <br><b>female wingback adaptor F&amp;F</b>   | 2509.20    | 20mm x 1/2"   | 150/1   | 16                    |
|                                                                                                                                 | 2509.25    | 25mm x 3/4"   | 100/1   | 16                    |

## SECTION 2

### PE PRESSURE SYSTEMS

## PLASSON LINE 7

### COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

|                                                                                     | Order Code   | Size (mm)     | Ctn/ Bag | Pressure Rating (Bar) |
|-------------------------------------------------------------------------------------|--------------|---------------|----------|-----------------------|
|    | 2510.20      | 20            | 200/10   | 16                    |
|                                                                                     | 2510.25      | 25            | 180/10   | 16                    |
|                                                                                     | 2510.32      | 32            | 100/5    | 16                    |
|                                                                                     | 2510.40      | 40            | 75/1     | 16                    |
|                                                                                     | 2510.50      | 50            | 45/1     | 16                    |
|                                                                                     | 2510.63      | 63            | 30/1     | 16                    |
|                                                                                     | 2510.75      | 75            | 16/1     | 10                    |
|                                                                                     | 2510.90      | 90            | 10/1     | 16                    |
|                                                                                     | 2510.110     | 110           | 5/1      | 16                    |
|                                                                                     | 2510.125     | 125           | 3/1      | 16                    |
|  | 2511.20      | 20            | 240/10   | 16                    |
|                                                                                     | 2511.25      | 25            | 150/10   | 16                    |
|                                                                                     | 2511.32      | 32            | 80/5     | 16                    |
|                                                                                     | 2511.40      | 40            | 55/1     | 16                    |
|                                                                                     | 2511.50      | 50            | 30/1     | 16                    |
|                                                                                     | 2511.63      | 63            | 24/1     | 16                    |
|  | 2512.2515-22 | 25 x 15-22    | 90/1     | 10                    |
|                                                                                     | 2512.2520-27 | 25 x 20-27    | 80/1     | 10                    |
|                                                                                     | 2512.2527-35 | 25 x 27-35    | 60/1     | 10                    |
|                                                                                     | 2512.3227-35 | 32 x 27-35    | 60/1     | 10                    |
|                                                                                     | 2512.5035-50 | 50 x 35-50    | 20/1     | 10                    |
|  | 2513.20      | 20mm x 1/2"   | 350/10   | 16                    |
|                                                                                     | 2513.25.15   | 25mm x 1/2"   | 250/10   | 16                    |
|                                                                                     | 2513.25      | 25mm x 3/4"   | 250/10   | 16                    |
|                                                                                     | 2513.32      | 32mm x 1"     | 150/5    | 16                    |
|                                                                                     | 2513.40      | 40mm x 1 1/4" | 110/1    | 16                    |
|                                                                                     | 2513.50      | 50mm x 1 1/2" | 70/1     | 16                    |
|                                                                                     | 2513.63      | 63mm x 2"     | 48/1     | 16                    |
|                                                                                     | 2513.75.65   | 75mm x 2 1/2" | 28/1     | 16                    |
|                                                                                     | 2513.90      | 90mm x 3"     | 16/1     | 16                    |
|                                                                                     | 2513.110     | 110mm x 4"    | 8/1      | 16                    |

|                                                                                     | Order Code    | Size (mm)    | Ctn/ Bag | Pressure Rating (Bar) |
|-------------------------------------------------------------------------------------|---------------|--------------|----------|-----------------------|
|    | 2519.25.20    | 25 x 3/4"    | 300/1    | 12.5                  |
|                                                                                     | 2519.32.25    | 32 x 1"      | 150/1    | 12.5                  |
|                                                                                     | 2519.40.25    | 40 x 1"      | 150/1    | 12.5                  |
|                                                                                     | 2519.50.15    | 50 x 1/2"    | 100/1    | 12.5                  |
|                                                                                     | 2519.50.20    | 50 x 3/4"    | 100/1    | 12.5                  |
|                                                                                     | 2519.50.25    | 50 x 1"      | 100/1    | 12.5                  |
|    | 2519.50.32    | 50 x 1 1/4"  | 100/1    | 12.5                  |
|                                                                                     | 2519.63.15PS  | 63 x 1/2"    | 70/1     | 16                    |
|                                                                                     | 2519.63.20PS  | 63 x 3/4"    | 70/1     | 16                    |
|                                                                                     | 2519.63.25PS  | 63 x 1"      | 70/1     | 16                    |
|                                                                                     | 2519.63.32PS  | 63 x 1 1/4"  | 70/1     | 16                    |
|                                                                                     | 2519.63.40PS  | 63 x 1 1/2"  | 60/1     | 16                    |
|  | 2519.75.25    | 75 x 1"      | 55/1     | 10                    |
|                                                                                     | 2519.75.50    | 75 x 2"      | 50/1     | 10                    |
|                                                                                     | 2519.90.25PS  | 90 x 1"      | 45/1     | 16                    |
|                                                                                     | 2519.90.50    | 90 x 2"      | 40/1     | 10                    |
|                                                                                     | 2519.110.25PS | 110 x 1"     | 36/1     | 16                    |
|                                                                                     | 2519.110.32PS | 110 x 1 1/4" | 36/1     | 16                    |
|  | 2519.110.40PS | 110 x 1 1/2" | 36/1     | 16                    |
|                                                                                     | 2519.125.20PS | 125 x 20     | 36/1     | 16                    |
|                                                                                     | 2519.180.20PS | 180 x 20     | 24/1     | 16                    |
|                                                                                     | 2523.25.20    | 25 x 20      | 200/10   | 16                    |
|                                                                                     | 2523.32.25    | 32 x 25      | 120/5    | 16                    |
|                                                                                     | 2523.40.32    | 40 x 32      | 90/1     | 16                    |
|  | 2523.50.40    | 50 x 40      | 60/1     | 16                    |
|                                                                                     | 2523.63.50    | 63 x 50      | 36/1     | 16                    |
|                                                                                     | 2523.75.63    | 75 x 63      | 20/1     | 16                    |
|                                                                                     | 2523.90.75    | 90 x 75      | 12/1     | 16                    |
|                                                                                     | 2523.110.90   | 110 x 90     | 6/1      | 16                    |

\*Either bolted style or "Plassaddle" style may be supplied.

Plassaddle is suitable for:

-DN63-90: PN10, 12.5, 16.

-DN110-180: PN6.3, 8, 10, 12.5, 16.

## SECTION 2

### PE PRESSURE SYSTEMS

## PLASSON LINE 7

### COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

|                                                                                                               | Order Code  | Size (mm) | Ctn/ Bag | Pressure Rating (Bar) |
|---------------------------------------------------------------------------------------------------------------|-------------|-----------|----------|-----------------------|
| <br>reducing set            | 2524.25.20  | 25 x 20   | 300/10   | 16                    |
|                                                                                                               | 2524.32.20  | 32 x 20   | 300/10   | 16                    |
|                                                                                                               | 2524.32.25  | 32 x 25   | 250/10   | 16                    |
|                                                                                                               | 2524.40.25  | 40 x 25   | 180/10   | 16                    |
|                                                                                                               | 2524.40.32  | 40 x 32   | 200/10   | 16                    |
|                                                                                                               | 2524.50.25  | 50 x 25   | 120/5    | 16                    |
|                                                                                                               | 2524.50.32  | 50 x 32   | 120/5    | 16                    |
|                                                                                                               | 2524.50.40  | 50 x 40   | 120/5    | 16                    |
|                                                                                                               | 2524.63.25  | 63 x 25   | 80/1     | 16                    |
|                                                                                                               | 2524.63.32  | 63 x 32   | 80/1     | 16                    |
|                                                                                                               | 2524.63.40  | 63 x 40   | 80/1     | 16                    |
|                                                                                                               | 2524.63.50  | 63 x 50   | 80/1     | 16                    |
|                                                                                                               | 2524.75.63  | 75 x 63   | 70/1     | 16                    |
|                                                                                                               | 2524.110.63 | 110 x 63  | 24/1     | 16                    |
| <br>shouldered adapter M&F | 2525.63     | 63        | 45/1     | 16                    |
|                                                                                                               | 2525.110    | 110       | 8/1      | 16                    |
| <br>plug adapter           | 2530.20     | 20        | 2500/10  | 12.5                  |
|                                                                                                               | 2530.25     | 25        | 1500/10  | 12.5                  |
|                                                                                                               | 2530.32     | 32        | 1000/10  | 12.5                  |
|                                                                                                               | 2530.40     | 40        | 720/10   | 12.5                  |
|                                                                                                               | 2530.50     | 50        | 400/10   | 12.5                  |
|                                                                                                               | 2530.63     | 63        | 200/10   | 12.5                  |
| <br>end plug               | 2531.20     | 20        | 350/1    | 16                    |
|                                                                                                               | 2531.25     | 25        | 250/1    | 16                    |
|                                                                                                               | 2531.32     | 32        | 180/1    | 16                    |
|                                                                                                               | 2531.40     | 40        | 110/1    | 16                    |
|                                                                                                               | 2531.50     | 50        | 75/1     | 16                    |
|                                                                                                               | 2531.63     | 63        | 45/1     | 16                    |
|                                                                                                               | 2531.75     | 75        | 28/1     | 16                    |
|                                                                                                               | 2531.90     | 90        | 16/1     | 16                    |
|                                                                                                               | 2531.110    | 110       | 10/1     | 16                    |

\*Either bolted "tapper" or "Plassaddle tapper" style may be supplied.  
Plassaddle tapper is suitable for:  
-DN63: PN10, 12.5, 16.  
-DN110: PN8, 10, 12.5, 16.  
-DN125-180: PN6.3, 8, 10, 12.5, 16.

|                                                                                                                                                | Order Code    | Size (mm) | Ctn/ Bag | Pressure Rating (Bar) |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|----------|-----------------------|
| <br>tapper swivel tee for PE pipe                             | 2536.63.25PS  | 63 x 25   | 40/1     | 16                    |
|                                                                                                                                                | 2536.110.25*  | 110 x 25  | 20/1     | 16                    |
|                                                                                                                                                | 2536.125.25PS | 125 x 25  | 16/1     | 16                    |
|                                                                                                                                                | 2536.125.32*  | 125 x 32  | 16/1     | 16                    |
| <br>Plassaddle Tapper for PE pipe (PS series)                | 2536.180.25PS | 180 x 25  | 8/1      | 16                    |
|                                                                                                                                                | 2536.180.32*  | 180 x 32  | 8/1      | 16                    |
| <br>tapper swivel tee for series 2 PVC pipe                 | 2536.122.25*  | 122 x 25  | 16/1     | 16                    |
|                                                                                                                                                | 2536.177.25*  | 177 x 25  | 8/1      | 16                    |
| <br>Plassaddle tapper for series 2 PVC pipe (PS series)     |               |           |          |                       |
| <br>Plasson 12mm hex key for Plassaddle & Plassaddle Tapper | 2536.KEY      | 12        | 1        | -                     |
| <br>4 Port centre connection meter manifold                 | 2540.50.4P    | 50        | 1/1      | 16                    |
|                                                                                                                                                | 2540.50.6P    | 50        | 4/1      | 16                    |
| <br>6 Port centre connection meter manifold                 |               |           |          |                       |

## SECTION 2

### PE PRESSURE SYSTEMS

## PLASSON LINE 7

### COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

|                                                                                                                         | Order Code | Size (mm) | Ctn/ Bag | Pressure Rating (Bar) |
|-------------------------------------------------------------------------------------------------------------------------|------------|-----------|----------|-----------------------|
| <br>barrel union threaded male adaptor | 2572.25.15 | 25 x ½"   | 200/1    | 16                    |
|                                                                                                                         | 2572.25.20 | 25 x ¾"   | 200/1    | 16                    |
|                                                                                                                         | 2572.32.15 | 32 x ½"   | 180/1    | 16                    |
|                                                                                                                         | 2572.32.20 | 32 x ¾"   | 180/1    | 16                    |
|                                                                                                                         | 2572.32.25 | 32 x 1"   | 180/1    | 16                    |
|                                                                                                                         | 2572.40.25 | 40 x 1"   | 130/1    | 16                    |
|                                                                                                                         | 2572.40.32 | 40 x 1¼"  | 130/1    | 16                    |
|                                                                                                                         | 2572.40.40 | 40 x 1½"  | 130/1    | 16                    |
|                                                                                                                         | 2572.50.25 | 50 x 1"   | 80/1     | 16                    |
|                                                                                                                         | 2572.50.32 | 50 x 1¼"  | 80/1     | 16                    |
|                                                                                                                         | 2572.50.40 | 50 x 1½"  | 80/1     | 16                    |
|                                                                                                                         | 2572.50.50 | 50 x 2"   | 80/1     | 16                    |
|                                                                                                                         | 2572.63.25 | 63 x 1"   | 60/1     | 16                    |
|                                                                                                                         | 2572.63.32 | 63 x 1¼"  | 60/1     | 16                    |
|                                                                                                                         | 2572.63.40 | 63 x 1½"  | 60/1     | 16                    |
|                                                                                                                         | 2572.63.50 | 63 x 2"   | 60/1     | 16                    |
|                                                                                                                         | 2572.63.65 | 63 x 2½"  | 60/1     | 16                    |
|                                                                                                                         | 2572.75.40 | 75 x 1½"  | 30/1     | 12.5                  |
|                                                                                                                         | 2572.75.50 | 75 x 2"   | 30/1     | 12.5                  |
|                                                                                                                         | 2572.75.65 | 75 x 2½"  | 30/1     | 12.5                  |
|                                                                                                                         | 2572.75.80 | 75 x 3"   | 30/1     | 12.5                  |

|                                                                                                              | Order Code           | Size (mm) | Ctn/ Bag | Pressure Rating (Bar) |
|--------------------------------------------------------------------------------------------------------------|----------------------|-----------|----------|-----------------------|
| <br>modular adaptor         | 2579.20              | 20        | 300/10   | 16                    |
|                                                                                                              | 2579.25              | 25        | 250/10   | 16                    |
|                                                                                                              | 2579.32              | 32        | 180/5    | 16                    |
|                                                                                                              | 2579.40              | 40        | 100/5    | 16                    |
|                                                                                                              | 2579.50              | 50        | 70/1     | 16                    |
|                                                                                                              | 2579.63              | 63        | 45/1     | 16                    |
| <br>pipe support insert * | 20mm plasson insert* | 20        | 2520/40  |                       |
|                                                                                                              | 25mm plasson insert* | 25        | 1680/40  |                       |
|                                                                                                              | 32mm plasson insert* | 32        | 920/40   |                       |
|                                                                                                              | 40mm plasson insert* | 40        | 480/20   |                       |
|                                                                                                              | 50mm plasson insert* | 50        | 240/20   |                       |
|                                                                                                              | 63mm plasson insert* | 63        | 110/10   |                       |

\* PIPE SUPPORT INSERTS MUST BE USED WITH ANY APPLICATIONS WITH COMPRESSED AIR, NEGATIVE PRESSURE (VACUUM), OR ELEVATED TEMPERATURES ABOVE GROUND (NOT EXCEEDING 40 Deg C, & WITH PRESSURE RERATING)

NOT REQUIRED WITH PLASSON FITTINGS FOR UNDERGROUND COLD WATER PRESSURE APPLICATIONS

## SECTION 2

### PE PRESSURE SYSTEMS

## PLASSON

### BSP THREADED PP FITTINGS - AS/NZS 4129

|                                                                                                               | Order Code  | Size      | Ctn/ Bag | Pressure Rating (Bar) |
|---------------------------------------------------------------------------------------------------------------|-------------|-----------|----------|-----------------------|
| <br>threaded tee             | 2514.15     | ½"        | 700/10   | 16                    |
|                                                                                                               | 2514.20     | ¾"        | 500/10   | 16                    |
|                                                                                                               | 2514.25     | 1"        | 260/10   | 16                    |
|                                                                                                               | 2514.32     | 1¼"       | 140/5    | 10                    |
|                                                                                                               | 2514.40     | 1½"       | 90/5     | 10                    |
|                                                                                                               | 2514.50     | 2"        | 60/5     | 10                    |
| <br>threaded elbow           | 2515.15     | ½"        | 1000/10  | 16                    |
|                                                                                                               | 2515.20     | ¾"        | 700/10   | 16                    |
|                                                                                                               | 2515.25     | 1"        | 400/10   | 16                    |
|                                                                                                               | 2515.32     | 1¼"       | 200/10   | 10                    |
|                                                                                                               | 2515.40     | 1½"       | 150/5    | 10                    |
|                                                                                                               | 2515.50     | 2"        | 80/5     | 10                    |
| <br>threaded nipple        | 2516.15     | ½"        | 2000/10  | 16                    |
|                                                                                                               | 2516.20     | ¾"        | 1300/10  | 16                    |
|                                                                                                               | 2516.25     | 1"        | 800/10   | 16                    |
|                                                                                                               | 2516.32     | 1¼"       | 400/10   | 16                    |
|                                                                                                               | 2516.40     | 1½"       | 300/5    | 16                    |
|                                                                                                               | 2516.50     | 2"        | 180/5    | 16                    |
| <br>threaded reducing bush | 2517.20.15  | ¾" x ½"   | 2000/10  | 16                    |
|                                                                                                               | 2517.25.15  | 1" x ½"   | 1200/10  | 16                    |
|                                                                                                               | 2517.25.20  | 1" x ¾"   | 1000/10  | 16                    |
|                                                                                                               | 2517.32.15  | 1¼" x ½"  | 700/10   | 10                    |
|                                                                                                               | 2517.32.20  | 1¼" x ¾"  | 700/10   | 10                    |
|                                                                                                               | 2517.32.25  | 1¼" x 1"  | 700/10   | 10                    |
|                                                                                                               | 2517.40.15  | 1½" x ½"  | 600/10   | 10                    |
|                                                                                                               | 2517.40.20  | 1½" x ¾"  | 600/10   | 10                    |
|                                                                                                               | 2517.40.25  | 1½" x 1"  | 500/10   | 10                    |
|                                                                                                               | 2517.40.32  | 1½" x 1¼" | 500/10   | 10                    |
|                                                                                                               | 2517.50.15  | 2" x ½"   | 350/5    | 10                    |
|                                                                                                               | 2517.50.20  | 2" x ¾"   | 350/5    | 10                    |
|                                                                                                               | 2517.50.25  | 2" x 1"   | 300/5    | 10                    |
|                                                                                                               | 2517.50.32  | 2" x 1¼"  | 320/5    | 10                    |
|                                                                                                               | 2517.50.40  | 2" x 1½"  | 320/5    | 10                    |
|                                                                                                               | 2517.65.50  | 2½" x 2"  | 200/5    | 10                    |
|                                                                                                               | 2517.80.25  | 3" x 1"   | 150/2    | 10                    |
|                                                                                                               | 2517.80.32  | 3" x 1¼"  | 150/2    | 10                    |
|                                                                                                               | 2517.80.40  | 3" x 1½"  | 150/2    | 10                    |
|                                                                                                               | 2517.80.50  | 3" x 2"   | 100/2    | 10                    |
|                                                                                                               | 2517.80.65  | 3" x 2½"  | 150/2    | 10                    |
|                                                                                                               | 2517.100.50 | 4" x 2"   | 80/2     | 10                    |
|                                                                                                               | 2517.100.80 | 4" x 3"   | 80/2     | 10                    |

|                                                                                                               | Order Code | Size      | Ctn/ Bag | Pressure Rating (Bar) |
|---------------------------------------------------------------------------------------------------------------|------------|-----------|----------|-----------------------|
| <br>threaded reducing nipple | 2518.20.15 | ¾" x ½"   | 1500/10  | 16                    |
|                                                                                                               | 2518.25.15 | 1" x ½"   | 800/10   | 16                    |
|                                                                                                               | 2518.25.20 | 1" x ¾"   | 800/10   | 16                    |
|                                                                                                               | 2518.32.15 | 1¼" x ½"  | 500/10   | 16                    |
|                                                                                                               | 2518.32.20 | 1¼" x ¾"  | 500/10   | 16                    |
|                                                                                                               | 2518.32.25 | 1¼" x 1"  | 500/10   | 16                    |
|                                                                                                               | 2518.40.15 | 1½" x ½"  | 500/5    | 16                    |
|                                                                                                               | 2518.40.20 | 1½" x ¾"  | 500/5    | 16                    |
|                                                                                                               | 2518.40.25 | 1½" x 1"  | 400/5    | 16                    |
|                                                                                                               | 2518.40.32 | 1½" x 1¼" | 400/5    | 16                    |
|                                                                                                               | 2518.50.15 | 2" x ½"   | 280/5    | 16                    |
|                                                                                                               | 2518.50.20 | 2" x ¾"   | 260/5    | 16                    |
|                                                                                                               | 2518.50.25 | 2" x 1"   | 260/5    | 16                    |
|                                                                                                               | 2518.50.32 | 2" x 1¼"  | 240/5    | 16                    |
| <br>threaded socket        | 2518.50.40 | 2" x 1½"  | 240/5    | 16                    |
|                                                                                                               | 2521.15    | ½"        | 1200/10  | 16                    |
|                                                                                                               | 2521.20    | ¾"        | 1000/10  | 16                    |
|                                                                                                               | 2521.25    | 1"        | 600/10   | 16                    |
|                                                                                                               | 2521.32    | 1¼"       | 250/10   | 10                    |
| <br>threaded plug          | 2521.40    | 1½"       | 250/10   | 10                    |
|                                                                                                               | 2521.50    | 2"        | 150/5    | 10                    |
|                                                                                                               | 2530T.15   | ½"        | 2500/10  | 16                    |
|                                                                                                               | 2530T.20   | ¾"        | 1500/10  | 16                    |
|                                                                                                               | 2530T.25   | 1"        | 1000/10  | 16                    |
|                                                                                                               | 2530T.32   | 1¼"       | 700/10   | 16                    |
|                                                                                                               | 2530T.40   | 1½"       | 500/10   | 16                    |
|                                                                                                               | 2530T.50   | 2"        | 300/10   | 16                    |

## SECTION 2

### PE PRESSURE SYSTEMS

#### PLASSON ACCESSORIES

|                                                                                                                     | Order Code  | Size (mm) | Ctn/Bag Qty |
|---------------------------------------------------------------------------------------------------------------------|-------------|-----------|-------------|
| <br><b>wrench - plasson line 7</b> | 2550.40.75  | 40 - 75   | 75          |
|                                                                                                                     | 2550.63.125 | 63 - 125  | 20          |
| <br><b>pipe chamfering tool</b>    | 2555.20.63  | 20 - 63   | 64          |

#### PLASSON POLYPROPYLENE VALVES

|                                                                                                                    | Order Code                                                                     | Size (mm) | Ctn/Bag | Pressure Rating (Bar) |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------|---------|-----------------------|
| <br><b>quick coupling valve</b> | 2711                                                                           | ¾"        | 130/5   | 10                    |
|                                                                                                                    | 2712                                                                           | 1"        | 130/5   | 10                    |
|                                                                                                                    | use with 2713 riser key                                                        |           |         |                       |
| <br><b>riser key</b>            | 2713                                                                           |           | 250/5   | 10                    |
|                                                                                                                    | use with 2711 or 2712 quick coupling valve                                     |           |         |                       |
| <br><b>check valve insert</b>   | 2720.25                                                                        | 25        | 800/5   | 16                    |
|                                                                                                                    | converts a DN 25 Plasson Line 7 compression fitting to a 'one way' check valve |           |         |                       |

|                                                                                                                            | Order Code | Size (mm) | Ctn/Bag | Pressure Rating (Bar) |
|----------------------------------------------------------------------------------------------------------------------------|------------|-----------|---------|-----------------------|
| <br><b>F&amp;F valve</b>                | 2731       | ¾"        | 140/5   | 10                    |
|                                                                                                                            | 2732       | 1"        | 120/5   | 10                    |
| <br><b>angle seat valve M&amp;M</b>     | 2735.32    | 1¼"       | 40/1    | 8                     |
|                                                                                                                            | 2735.40    | 1½"       | 24/1    | 8                     |
|                                                                                                                            | 2735.50    | 2"        | 15/1    | 8                     |
| <br><b>compression stopcock F&amp;F</b> | 2741.20    | 20        | 100/5   | 16                    |
|                                                                                                                            | 2741.25    | 25        | 80/5    | 16                    |
|                                                                                                                            | 2741.32    | 32        | 60/5    | 16                    |

## SECTION 2

### PE PRESSURE SYSTEMS

#### PLASSON BALL VALVES

|                                                                                                                        | Order Code | Size | Ctn/Bag | Pressure Rating (Bar) |
|------------------------------------------------------------------------------------------------------------------------|------------|------|---------|-----------------------|
| <br><b>ball Valve</b>                 | 2725.15    | ½"   | 72      | 16                    |
|                                                                                                                        | 2725.20    | ¾"   | 72      | 16                    |
|                                                                                                                        | 2725.25    | 1"   | 72      | 16                    |
|                                                                                                                        | 2725.32    | 1¼"  | 72      | 16                    |
|                                                                                                                        | 2725.40    | 1½"  | 30      | 16                    |
|                                                                                                                        | 2725.50    | 2"   | 24      | 16                    |
| <br><b>ball valve with drain port</b> | 2725.15P   | ½"   | 72      | 16                    |
|                                                                                                                        | 2725.20P   | ¾"   | 72      | 16                    |
|                                                                                                                        | 2725.25P   | 1"   | 72      | 16                    |
|                                                                                                                        | 2725.32P   | 1¼"  | 72      | 16                    |
|                                                                                                                        | 2725.40P   | 1½"  | 30      | 16                    |
|                                                                                                                        | 2725.50P   | 2"   | 24      | 16                    |

#### COMBINATION AIR VALVES

|                                                                                     | Order Code | Size | Ctn/Bag | Pressure Rating (Bar) |
|-------------------------------------------------------------------------------------|------------|------|---------|-----------------------|
|  | 2740.15    | ½"   | 1       | 16                    |
|                                                                                     | 2740.20    | ¾"   | 1       | 16                    |
|                                                                                     | 2740.25    | 1"   | 1       | 16                    |

#### PLASSON POLYETHYLENE WATER METER VALVE BOXES

|                                                                                                                                      | Order Code  | Size (mm)            | Qty |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|-----|
| <br><b>polyethylene (water meter) valve boxes</b> | 193*        | 155 x 200 x 200 high | 10  |
|                                                                                                                                      | 193LIDGR**  | 155 x 200            | 80  |
|                                                                                                                                      | 193LIDBL*** | 155 x 200            | 80  |

\* Valve box only - no lid    \*\* Green lid    \*\*\* Blue lid

NOTES



# ROADING & STORMWATER SYSTEMS

## SECTION 3

### ROADING & STORMWATER SYSTEMS

#### IPLEX NEXUS® HI-WAY SUBSOIL DRAINAGE PIPE

ROAD DRAINAGE SYSTEM TWIN WALL SMOOTH BORE HEAVY  
DUTY PE (SLOTTED)  
(COMPLIES WITH NZTA SPECIFICATION TNZ F/2)

|                                                                                                                                                    | Order Code    | Size (mm) | Length (m) | SN (KN/m <sup>2</sup> ) |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|------------|-------------------------|
|  <p>black pipe with red stripe supplied with push fit coupler</p> | NEXUS1105HD   | 110       | 5          | 10                      |
|                                                                                                                                                    | NEXUS11050HD  | 110       | 50         | 10                      |
|                                                                                                                                                    | NEXUS110100HD | 110       | 100        | 10                      |
|                                                                                                                                                    | NEXUS1605HD   | 160       | 5          | 10                      |
|                                                                                                                                                    | NEXUS16045HD  | 160       | 45         | 10                      |
|                                                                                                                                                    | NEXUS2005HD   | 200       | 5          | 6                       |

#### IPLEX NEXUS® HI-WAY WITH FILTER SOCK SUBSOIL DRAINAGE PIPE

ROAD DRAINAGE SYSTEM TWIN WALL SMOOTH BORE HEAVY  
DUTY PE (SLOTTED – WITH FILTER SOCK)  
(COMPLIES WITH NZTA SPECIFICATION TNZ F/2)

|                                                                                                                                                                           | Order Code      | Size (mm) | Length (m) | SN (KN/m <sup>2</sup> ) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|------------|-------------------------|
|  <p>black pipe with red stripe supplied with pre-applied filter sock &amp; coupler</p> | NEXUS110100HDFS | 110       | 100        | 10                      |
|                                                                                                                                                                           | NEXUS16045HDFS  | 160       | 45         | 10                      |

#### IPLEX NEXUSFLO™ WITH FILTER SOCK SUBSOIL DRAINAGE PIPE

LAND DRAINAGE SYSTEM TWIN WALL SMOOTH BORE PE  
(SLOTTED – WITH FILTER SOCK)

|                                                                                                                                                                            | Order Code     | Size (mm) | Length (m) | SN (KN/m <sup>2</sup> ) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|------------|-------------------------|
|  <p>black pipe with blue stripe supplied with pre-applied filter sock &amp; coupler</p> | NEXUS110100FS* | 110       | 100        | 10                      |
|                                                                                                                                                                            | NEXUS16045FS*  | 160       | 45         | 10                      |

\*Complies with NZTA SPECIFICATION TNZ F/5

## SECTION 3

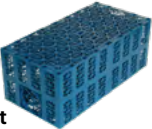
### ROADING & STORMWATER SYSTEMS

#### IPLEX NOVAFLO® WITH FILTER SOCK SUBSOIL DRAINAGE PIPE

LAND DRAINAGE SYSTEM SINGLE WALL CORRUGATED BORE  
PE (SLOTTED - WITH FILTER SOCK)

|                                                                                                                                                | Order Code    | Size (mm) | Length (m) | SN |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|------------|----|
|  <p>black pipe with pre-applied filter sock &amp; coupler</p> | 400.110.30FS  | 110       | 30         | 6  |
|                                                                                                                                                | 400.110.100FS | 110       | 100        | 6  |
|                                                                                                                                                | 400.160.45FS  | 160       | 45         | 6  |

#### IPLEX AQUACELL® STORMWATER MANAGEMENT SYSTEM

|                                                                                                 | Order Code    | Size (mm)                          | Qty |
|-------------------------------------------------------------------------------------------------|---------------|------------------------------------|-----|
|  <p>unit</p> | AQUACELL UNIT | 1000mm (L) x 500mm (W) x 400mm (H) | 10  |
|  <p>clip</p> | AQUACELL CLIP |                                    | 500 |

#### IPLEX SUPERSTORM® PVC-U STORMWATER DUCT NON PRESSURE APPLICATIONS ONLY - AS/NZS 1254

SUPERSTORM 4000 PVC-U STORMWATER DUCT SOLVENT CEMENT JOINT & RUBBER RING JOINT - SN4

|                                                                                                                 | Order Code       | Size (mm) | Ctn Qty |
|-----------------------------------------------------------------------------------------------------------------|------------------|-----------|---------|
|  <p>solvent cement joint</p> | 700SN4.90.6 SOE  | 90 x 6    | 81      |
|                                                                                                                 | 700SN4.100.6 SOE | 100 x 6   | 67      |
|                                                                                                                 | 700SN4.150.6 SOE | 150 x 6   | 28      |
|                                                                                                                 | 700SN4.175.6 SOE | 175 x 6   | 20      |
|                                                                                                                 | 700SN4.225.6 SOE | 225 x 6   | 12      |

|                                                                                                               | Order Code     | Size (mm) | Ctn Qty |
|---------------------------------------------------------------------------------------------------------------|----------------|-----------|---------|
|  <p>rubber ring joint</p> | Z700SN4.150.6  | 150 x 6   | 28      |
|                                                                                                               | Z700SN4.175.6  | 175 x 6   | 20      |
|                                                                                                               | Z700SN4.225.6  | 225 x 6   | 12      |
|                                                                                                               | Z700SN4.300.6  | 300 x 6   | 6       |
|                                                                                                               | Z700SN4.375.6  | 375 x 6   | 6       |
|                                                                                                               | Z700SN4.475.6  | 475 x 6   | 4       |
|                                                                                                               | Z700SN4.600.6# | 600 x 6   | 2       |

# not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

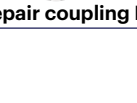
## SECTION 3

### ROADING & STORMWATER SYSTEMS

## IPLEX STORMFIT® PVC-U STORMWATER FITTINGS - NON PRESSURE APPLICATIONS

#### NON PRESSURE APPLICATIONS ONLY

|                                                                                     | Order Code                                                                                                              | Size (mm) | Ctn Qty |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------|---------|
|    | 701.90.15                                                                                                               | 90 x 15°  | 110     |
|                                                                                     | 701.90.22                                                                                                               | 90 x 22°  | 110     |
|                                                                                     | 701.90.45                                                                                                               | 90 x 45°  | 80      |
|                                                                                     | 701.90.90                                                                                                               | 90 x 90°  | 60      |
|                                                                                     | 101.100.5                                                                                                               | 100 x 5°  | 42      |
|                                                                                     | 101.100.15                                                                                                              | 100 x 15° | 35      |
|                                                                                     | 101.100.30                                                                                                              | 100 x 30° | 35      |
|                                                                                     | 101.100.45                                                                                                              | 100 x 45° | 32      |
|                                                                                     | 101.100.88                                                                                                              | 100 x 88° | 19      |
|                                                                                     | 701.150.45                                                                                                              | 150 x 45° | 12      |
|                                                                                     | 701.150.90                                                                                                              | 150 x 90° | 8       |
| plain bend F&F                                                                      |                                                                                                                         |           |         |
|  | 771.90.45MF                                                                                                             | 90 x 45°  | 75      |
| plain bend M&F                                                                      |                                                                                                                         |           |         |
|  | 103.100.45                                                                                                              | 100 x 45° | 8       |
|                                                                                     | 103.100.88                                                                                                              | 100 x 88° | 8       |
| access bend F&F                                                                     |                                                                                                                         |           |         |
|  | 704.90.45**                                                                                                             | 90 x 45°  | 28      |
|                                                                                     | 704.90.90*                                                                                                              | 90 x 88°  | 40      |
|                                                                                     | 104.100.45***                                                                                                           | 100 x 45° | 12      |
|                                                                                     | 104.100.88**                                                                                                            | 100 x 88° | 14      |
|                                                                                     | 704.150.45**                                                                                                            | 150 x 45° | 4       |
|                                                                                     | 704.150.90***                                                                                                           | 150 x 90° | 5       |
|                                                                                     | *Threaded on branch socket<br>**Threaded on one main way socket<br>***Threaded on one main way socket and branch socket |           |         |
| plain junction F&F&F (SCJ)                                                          |                                                                                                                         |           |         |

|                                                                                     | Order Code     | Size (mm)       | Ctn Qty |
|-------------------------------------------------------------------------------------|----------------|-----------------|---------|
|    | 704.150.100.45 | 150 x 100 x 45° | 5       |
| reducing junction F&F                                                               |                |                 |         |
|  | 105.100.45LH   | 100 x 45°       | 7       |
|                                                                                     | 105.100.45RH   | 100 x 45°       | 7       |
| inspection junction F&F&F                                                           |                |                 |         |
|  | 710.90*        | 90              | 140     |
|                                                                                     | 110.100        | 100             | 45      |
|                                                                                     | 110.150        | 150             | 14      |
| straight coupling F&F                                                               |                |                 |         |
|  | 711S.90        | 90              | 80      |
| straight coupling with threaded end F&F                                             |                |                 |         |
|  | 711R.90        | 90              | 80      |
| slip repair coupling F&F                                                            |                |                 |         |
|  | 711R.90        | 90              | 80      |
| repair coupling F&F                                                                 |                |                 |         |

\* Threaded fitting

**Note:** In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex stormwater fittings may be subject to change without notice.

## SECTION 3

### ROADING & STORMWATER SYSTEMS

## IPLEX STORMFIT® PVC-U STORMWATER FITTINGS - NON PRESSURE APPLICATIONS

#### NON PRESSURE APPLICATIONS ONLY

|                                                                                                                      | Order Code | Size (mm) | Ctn Qty |
|----------------------------------------------------------------------------------------------------------------------|------------|-----------|---------|
| <br><b>socket reducer M&amp;F</b>   | 724.100.90 | 100 x 90  | 85      |
| <br><b>adaptor F&amp;F</b>          | 724.90.100 | 90 x 100  | 90      |
| <br><b>inspection pipe M&amp;F</b> | 129.100    | 100       | 9       |
| <br><b>screw cap and base M</b>   | 736.90##   | 90        | 100     |
|                                                                                                                      | 136.100    | 100       | 35      |
|                                                                                                                      | 736C.90    | 90        | 100     |
|                                                                                                                      | 136C.100*  | 100       | 85      |
|                                                                                                                      | 736G.90**  | 90        | 1       |
| *Cap only<br>**Gasket only - use with 736.90 cap<br>## Use with 736G.90 Gasket - sold separately                     |            |           |         |

|                                                                                                                                                                                                                                                                                                                   | Order Code     | Size (mm) | Ctn Qty |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|---------|
| <br><b>push-on cap</b>                                                                                                                                                                                                           | 737.90         | 90        | 300     |
|                                                                                                                                                                                                                                                                                                                   | 137.100        | 100       | 135     |
|                                                                                                                                                                                                                                                                                                                   | 137.150        | 150       | 68      |
| <br><b>pipe clip</b>                                                                                                                                                                                                            | 140.90         | 90        | 100     |
| <br><b>kerb outlet adaptor</b>                                                                                                                                                                                                  | 765.90         | 90        | 28      |
|                                                                                                                                                                                                                                                                                                                   | 765.100        | 100       | 18      |
| <br><b>stormwater grate dual size outlet</b>                                                                                                                                                                                  | 769.90 **      | 90        | 150     |
|                                                                                                                                                                                                                                                                                                                   | 769.150.100*** | 150 x 100 | 28      |
| ** 100mm diameter circular inlet grate, in 105mm square base, with DN90 dual purpose outlet, to suit either pipe bore, or pipe socket.<br>*** 200mm diameter circular inlet grate, in 210mm square base, with multi-purpose outlet, to suit either DN100 pipe spigot, or DN150 pipe spigot , or DN 150 pipe bore. |                |           |         |

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NOTES



**PLUMBING, DRAIN, WASTE & VENT SYSTEMS**

## SECTION 4

### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX NOVADRAIN®

#### PVC-U DWV PIPE - NON PRESSURE APPLICATIONS ONLY - AS/NZS 1260

##### NOVADRAIN® PVC-U DWV PIPE SOLVENT CEMENT JOINT & PLAIN END

|                                                                                   | Order Code   | Size (mm) x Length (mm) | Pack Qty |
|-----------------------------------------------------------------------------------|--------------|-------------------------|----------|
|  | 100.32.6 SOE | 32 x 6                  | 240/10*  |
|                                                                                   | 100.40.6 SOE | 40 x 6                  | 180/10*  |
|                                                                                   | 100.50.6 SOE | 50 x 6                  | 150/5*   |
|                                                                                   | 100.65.6 SOE | 65 x 6                  | 102      |
|                                                                                   | 100.80.4 PE  | 80 x 4                  | 88       |
|                                                                                   | 100.80.6 SOE | 80 x 6                  | 88       |
| *These bundle sizes are the minimum order quantity                                |              |                         |          |

solvent cement joint

##### NOVADRAIN® 4000 PVC-U DWV PIPE SOLVENT CEMENT JOINT & RUBBER RING JOINT - SN4

|                                                                                     | Order Code       | Size (mm) x Length (mm) | Pack Qty |
|-------------------------------------------------------------------------------------|------------------|-------------------------|----------|
|  | 100SN4.150.6 SOE | 150 x 6                 | 28       |
|                                                                                     | Z100SN4.150.3    | 150 x 3                 | 28       |
|                                                                                     | Z100SN4.150.4    | 150 x 4                 | 28       |
|                                                                                     | Z100SN4.150.6    | 150 x 6                 | 28       |
|                                                                                     | Z100SN4.175.6    | 175 x 6                 | 20       |
|                                                                                     | Z100SN4.225.6    | 225 x 6                 | 12       |
|                                                                                     | Z100SN4.300.6    | 300 x 6                 | 6        |
|                                                                                     | Z100SN4.375.6    | 375 x 6                 | 6        |
|                                                                                     | Z100SN4.475.6    | 475 x 6                 | 2        |
|                                                                                     | Z100SN4.600.6#   | 600 x 6                 | 2        |

solvent cement & rubber ring joint

# not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

##### NOVADRAIN® 6000 PVC-U DWV PIPE SOLVENT CEMENT JOINT & RUBBER RING JOINT - SN6

|                                                                                     | Order Code       | Size (mm) x Length (mm) | Pack Qty |
|-------------------------------------------------------------------------------------|------------------|-------------------------|----------|
|  | 100SN6.100.6 SOE | 100 x 6                 | 67       |
|                                                                                     | 100SN6.100.6 RRJ | 100 x 6                 | 67       |

solvent cement & rubber ring joint

**Note:** In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex plumbing, drain, waste and vent fittings may be subject to change without notice.

## SECTION 4

### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX NOVADRAIN®

#### PVC-U DWV PIPE - NON PRESSURE APPLICATIONS ONLY AS/NZS 1260

##### NOVADRAIN® 8000 PVC-U DWV PIPE RUBBER RING JOINT - SN8

|                                                                                                            | Order Code     | Size (mm) x Length (mm) | Pack Qty |
|------------------------------------------------------------------------------------------------------------|----------------|-------------------------|----------|
|  <p>rubber ring joint</p> | Z100SN8.150.4  | 150 x 4                 | 28       |
|                                                                                                            | Z100SN8.150.6  | 150 x 6                 | 28       |
|                                                                                                            | Z100SN8.175.6  | 175 x 6                 | 20       |
|                                                                                                            | Z100SN8.225.6  | 225 x 6                 | 12       |
|                                                                                                            | Z100SN8.300.6  | 300 x 6                 | 6        |
|                                                                                                            | Z100SN8.375.6  | 375 x 6                 | 6        |
|                                                                                                            | Z100SN8.475.6  | 475 x 6                 | 2        |
|                                                                                                            | Z100SN8.600.6# | 600 x 6                 | 2        |

# not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

##### NOVADRAIN® 10000 PVC-U DWV PIPE RUBBER RING JOINT - SN10

|                                                                                                              | Order Code        | Size (mm) x Length (mm) | Pack Qty |
|--------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|----------|
|  <p>rubber ring joint</p> | 100SN10.100.6 RRJ | 100 x 6                 | 67       |

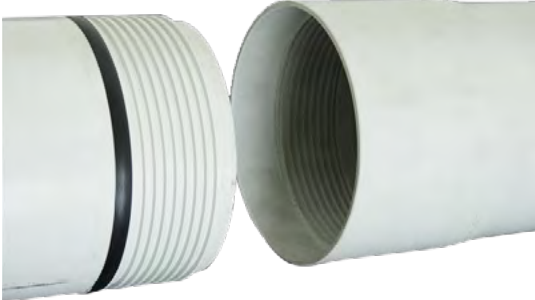
##### NOVADRAIN® 16000 PVC-U DWV PIPE RUBBER RING JOINT - SN16

|                                                                                                              | Order Code        | Size (mm) x Length (mm) | Pack Qty |
|--------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|----------|
|  <p>rubber ring joint</p> | 100SN16.100.6 RRJ | 100 x 6                 | 67       |
|                                                                                                              | Z100SN16.150.3    | 150 x 3                 | 28       |
|                                                                                                              | Z100SN16.150.4    | 150 x 4                 | 28       |
|                                                                                                              | Z100SN16.150.6    | 150 x 6                 | 28       |
|                                                                                                              | Z100SN16.175.4    | 175x4                   | 20       |
|                                                                                                              | Z100SN16.175.6    | 175 x 6                 | 20       |
|                                                                                                              | Z100SN16.225.3    | 225 x 3                 | 12       |
|                                                                                                              | Z100SN16.225.4    | 225 x 4                 | 12       |
|                                                                                                              | Z100SN16.225.6    | 225x6                   | 12       |
|                                                                                                              | Z100SN16.300.3    | 300 x 3                 | 6        |
|                                                                                                              | Z100SN16.300.4    | 300 x 4                 | 6        |
|                                                                                                              | Z100SN16.300.6    | 300x6                   | 6        |
|                                                                                                              | Z100SN16.375.3    | 375 x 3                 | 6        |
|                                                                                                              | Z100SN16.375.4    | 375 x 4                 | 6        |
|                                                                                                              | Z100SN16.375.6    | 375x6                   | 6        |
|                                                                                                              | Z100SN16.475.3    | 475 x 3                 | 2        |
|                                                                                                              | Z100SN16.475.4    | 475 x 4                 | 2        |
|                                                                                                              | Z100SN16.475.6    | 475x6                   | 2        |

**SECTION 4**  
PLUMBING, DRAIN, WASTE & VENT SYSTEMS

**IPLEX RESTRAIN®**  
**PVC-U DWV PIPE FOR TRENCHLESS INSTALLATION**  
**NON-PRESSURE APPLICATIONS ONLY - AS/NZS 1260**

RESTRAIN PVC-U THREADED JOINT DWV PIPE SN16

|  | Order Code    | Size (mm) x Length (mm) | Pack Qty |
|-----------------------------------------------------------------------------------|---------------|-------------------------|----------|
|                                                                                   | RESTRAIN100.1 | 100 x 1                 | 1        |
|                                                                                   | RESTRAIN100.2 | 100 x 2                 | 1        |
|                                                                                   | RESTRAIN100.3 | 100 x 3                 | 1        |
|                                                                                   | RESTRAIN150.1 | 150 x 1                 | 1        |
|                                                                                   | RESTRAIN150.2 | 150 x 2                 | 1        |
|                                                                                   | RESTRAIN150.3 | 150 x 3                 | 1        |
|                                                                                   | RESTRAIN225.1 | 225 x 1                 | 1        |
|                                                                                   | RESTRAIN225.2 | 225 x 2                 | 1        |
|                                                                                   | RESTRAIN225.3 | 225 x 3                 | 1        |
|                                                                                   | RESTRAIN300.1 | 300 x 1                 | 1        |
|                                                                                   | RESTRAIN300.2 | 300 x 2                 | 1        |
|                                                                                   | RESTRAIN300.3 | 300 x 3                 | 1        |
|                                                                                   |               |                         |          |
| threaded joint with seal ring                                                     |               |                         |          |

All Restrain products are made to order.  
Contact Iplex Pipelines for availability of alternative length options.

## SECTION 4

### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX NOVADRAIN®

#### PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

NOTE: THE BAG QUANTITY SHOWN IS THE MINIMUM ORDER QUANTITY FOR 32MM, 40MM & 50MM DWV FITTINGS

|                                                                                     | Order Code | Size (mm)           | Ctn/Bag Qty |
|-------------------------------------------------------------------------------------|------------|---------------------|-------------|
|    | 101.32.15  | 32 x 15°            | 200 / 10    |
|                                                                                     | 101.32.45  | 32 x 45°            | 160 / 5     |
|                                                                                     | 101.32.88  | 32 x 88°            | 120 / 5     |
|                                                                                     | 101.40.15  | 40 x 15°            | 60 / 10     |
|                                                                                     | 101.40.43  | 40 x 43°            | 100 / 10    |
|                                                                                     | 101.40.60  | 40 x 60°            | 200 / 5     |
|                                                                                     | 101.40.88  | 40 x 88°            | 80 / 10     |
|   | 101.50.15  | 50 x 15°            | 35 / 5      |
|                                                                                     | 101.50.45  | 50 x 45°            | 55 / 5      |
|                                                                                     | 101.50.88  | 50 x 88°            | 40 / 10     |
|                                                                                     | 101.65.15  | 65 x 15°            | 140         |
|                                                                                     | 101.65.45  | 65 x 45°            | 120         |
|                                                                                     | 101.65.88  | 65 x 88°            | 70          |
|                                                                                     | 101.80.15  | 80 x 15°            | 70          |
|  | 101.80.45  | 80 x 45°            | 70          |
|                                                                                     | 101.80.88  | 80 x 88°            | 40          |
|                                                                                     | 101.100.5  | 100 x 5°            | 42          |
|                                                                                     | 101.100.15 | 100 x 15°           | 35          |
|                                                                                     | 101.100.30 | 100 x 30°           | 33          |
|                                                                                     | 101.100.45 | 100 x 45°           | 32          |
|                                                                                     | 101.100.60 | 100 x 60°           | 27          |
| <b>plain bend F&amp;F</b>                                                           | 101.100.88 | 100 x 88°           | 19          |
|                                                                                     | 101.150.15 | 150 x 15°           | 12          |
|                                                                                     | 101.150.45 | 150 x 45°           | 9           |
|  | 101.150.88 | 150 x 88°           | 5           |
|                                                                                     |            |                     |             |
| <b>expansion swivel joint</b>                                                       | 101.100.A  | 100 x 0°-40° x 52mm | 8/1         |
|  |            |                     |             |
|                                                                                     | 101.150A   | 150 x 0°-45°        | 7           |
| <b>adjustable bend F&amp;F</b>                                                      |            |                     |             |

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## SECTION 4

### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX NOVADRAIN®

#### PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

|                                                                                                                     | Order Code       | Size (mm)<br>x Length<br>(mm) | Ctn<br>Qty |
|---------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|------------|
|                                    | 171.40.42        | 40 x 42°                      | 60 / 10    |
|                                                                                                                     | 171.40.88        | 40 x 88°                      | 80 / 10    |
|                                                                                                                     | 171.50.42        | 50 x 42°                      | 50 / 10    |
|                                                                                                                     | 171.50.88        | 50 x 88°                      | 40 / 10    |
|                                   | 171.65.43        | 65 x 43°                      | 85         |
|                                                                                                                     | 171.80.42        | 80 x 42°                      | 60         |
|                                                                                                                     | 171.80.88        | 80 x 88°                      | 50         |
|                                                                                                                     | 171.100.5        | 100 x 5°                      | 45         |
|                                  | 171.100.11       | 100 x 11°                     | 36         |
|                                                                                                                     | 171.100.15       | 100 x 15°                     | 35         |
|                                                                                                                     | 171.100.22       | 100 x 22°                     | 28         |
|                                                                                                                     | 171.100.30       | 100 x 30°                     | 34         |
|                                  | 171.100.43       | 100 x 43°                     | 30         |
|                                                                                                                     | 171.100.60       | 100 x 60°                     | 27         |
|                                                                                                                     | 171.100.88       | 100 x 88°                     | 19         |
|                                                                                                                     | 171.150.42       | 150 x 42°                     | 9          |
| <b>plain bend M&amp;F</b>                                                                                           | 171.150.88       | 150 x 88°                     | 5          |
|                                                                                                                     |                  |                               |            |
| <br><b>reducing bend M&amp;F</b> | 171.50.40.42     | 50* x 40 x 42°                | 50 / 5     |
|                                                                                                                     | * Spigot is 50mm |                               |            |

|                                                                                    | Order Code  | Size (mm)<br>x Length<br>(mm) | Ctn<br>Qty |
|------------------------------------------------------------------------------------|-------------|-------------------------------|------------|
|  | 101.40.45W  | 40 x 45°                      | 60 / 5     |
|                                                                                    | 101.40.88W  | 40 x 88°                      | 40 / 10    |
|                                                                                    | 101.50.45W  | 50 x 45°                      | 90 / 5     |
|                                                                                    | 101.50.88W  | 50 x 88°                      | 70 / 10    |
|                                                                                    | 101.65.88W  | 65 x 88°                      | 60         |
|                                                                                    | 101.80.88W  | 80 x 88°                      | 35         |
|                                                                                    | 101.100.45W | 100 x 45°                     | 28         |
|                                                                                    | 101.100.88W | 100 x 88°                     | 17         |

**inspection bend F&F**

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|                                                                                     | Order Code                                                                            | Size (mm)       | Ctn/<br>Bag<br>Qty |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|--------------------|
|    | 102.100.88                                                                            | 100 x 88°       | 15                 |
| <b>rear access bend F&amp;F</b>                                                     |                                                                                       |                 |                    |
|    | 103.100.45                                                                            | 100 x 45°       | 8                  |
|    | 103.100.88                                                                            | 100 x 88°       | 8                  |
| <b>side access bend F&amp;F</b>                                                     |                                                                                       |                 |                    |
|  | 104.32.88                                                                             | 32 x 88°        | 40/5               |
|  | 104.40.45                                                                             | 40 x 45°        | 35/5               |
|  | 104.40.88                                                                             | 40 x 88°        | 50/5               |
|  | 104.50.45                                                                             | 50 x 45°        | 25/5               |
|  | 104.50.88                                                                             | 50 x 88°        | 50/5               |
|  | 104.65.45                                                                             | 65 x 45°        | 35                 |
|  | 104.65.88                                                                             | 65 x 88°        | 45                 |
|  | 104.80.45                                                                             | 80 x 45°        | 24                 |
|  | 104.80.88                                                                             | 80 x 88°        | 24                 |
|  | 104.100.45**                                                                          | 100 x 45°       | 12                 |
|  | 104.100.88***                                                                         | 100 x 88°       | 14                 |
|  | 104.150.45*                                                                           | 150 x 45°       | 3                  |
|  | 104.150.88                                                                            | 150 x 88°       | 4                  |
| <b>plain junction F&amp;F&amp;F</b>                                                 | *Threaded branch<br>**Threaded Inlet mainway<br>*** Threaded Inlet mainway and branch |                 |                    |
|  | 104.80.50.45                                                                          | 80 x 40 x 45°   | 32                 |
|  | 104.100.50.45                                                                         | 100 x 50 x 45°  | 18                 |
|  | 104.100.50.88                                                                         | 100 x 50 x 88°  | 24                 |
|  | 104.100.65.45                                                                         | 100 x 65 x 45°  | 18                 |
|  | 104.100.80.45                                                                         | 100 x 80 x 45°  | 16                 |
|  | 104.150.100.45*                                                                       | 150 x 100 x 45° | 5                  |
|  | 104.150.100.88                                                                        | 150 x 100 x 88° | 5                  |
| <b>reducing junction F&amp;F&amp;F</b>                                              | *Threaded branch                                                                      |                 |                    |

|                                                                                     | Order Code        | Size (mm) | Ctn/<br>Bag<br>Qty |
|-------------------------------------------------------------------------------------|-------------------|-----------|--------------------|
|   | 104.40.88W        | 40        | 40/5               |
|   | 104.50.88W        | 50        | 40/5               |
|   | 104.65.88W        | 65        | 40                 |
|   | 104.80.88W        | 80        | 20                 |
|   | 104.100.88W       | 100       | 12                 |
| <b>inspection junction F&amp;F&amp;F</b>                                            |                   |           |                    |
|   | 105.100.88        | 100 x 88° | 10                 |
| <b>rear access junction F&amp;F&amp;F</b>                                           |                   |           |                    |
|  | 105.100.45LH      | 100 x 45° | 7                  |
|  | 105.100.45RH      | 100 x 45° | 7                  |
| <b>LH side access junction F&amp;F&amp;F</b>                                        |                   |           |                    |
|  | 106.100.88        | 100 x 88° | 8                  |
| <b>double junction F&amp;F&amp;F&amp;F</b>                                          |                   |           |                    |
|  | 110.32            | 32        | 200/5              |
|  | 110.40            | 40        | 60/10              |
|  | 110.50            | 50        | 130/10             |
|  | 110.65            | 65        | 130                |
|  | 110.80            | 80        | 96                 |
|  | 110.100           | 100       | 45                 |
|  | 110.100T*         | 100       | 45                 |
|  | 110.150           | 150       | 12                 |
|  | 110.150T*         | 150       | 12                 |
| <b>straight coupling F&amp;F threaded one end</b>                                   | *Threaded one end |           |                    |

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|                                                                                                                                     | Order Code | Size (mm) | Ctn/<br>Bag<br>Qty |
|-------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|--------------------|
| <br><b>expansion coupling<br/>F&amp;F</b>          | 111.40     | 40        | 40/5               |
|                                                                                                                                     | 111.50     | 50        | 50/5               |
|                                                                                                                                     | 111.65     | 65        | 105                |
|                                                                                                                                     | 111.80     | 80        | 50                 |
|                                                                                                                                     | 111.100    | 100       | 36                 |
|                                                                                                                                     | 111.150    | 150       | 12                 |
| <br><b>female iron to PVC<br/>socket F&amp;F</b> | 112.32     | 32        | 80/5               |
|                                                                                                                                     | 112.40     | 40        | 60/10              |
|                                                                                                                                     | 112.50     | 50        | 80/10              |
|                                                                                                                                     | 112.65     | 65        | 90                 |
|                                                                                                                                     |            |           |                    |
| <br><b>male iron to PVC<br/>socket M&amp;F</b>   | 113.32     | 32        | 80/5               |
|                                                                                                                                     | 113.40     | 40        | 90/10              |
|                                                                                                                                     | 113.50     | 50        | 100/10             |
|                                                                                                                                     | 113.100    | 100       | 12                 |
|                                                                                                                                     |            |           |                    |
|                                                                                                                                     |            |           |                    |
| <br><b>copper to PVC<br/>adaptor F&amp;F</b>     | 114.32*    | 32        | 100/10             |
|                                                                                                                                     | 114.40*    | 40        | 180/10             |
|                                                                                                                                     | 114.50*    | 50        | 110/5              |
|                                                                                                                                     | 114.80*    | 80        | 50                 |
|                                                                                                                                     | 114.100*   | 100       | 36                 |
|                                                                                                                                     |            |           |                    |
|                                                                                                                                     |            |           |                    |
| * Compatible with NZS or BS copper tube                                                                                             |            |           |                    |

|                                                                                                                                             | Order Code    | Size (mm) | Ctn/<br>Bag<br>Qty |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|--------------------|
| <br><b>strap on boss F</b>                                 | 119.100.50    | 100 x 50  | 70                 |
| <br><b>bolted trap screw<br/>(socket) F</b>                | 120.80        | 80        | 60                 |
|                                                                                                                                             | 120.100       | 100       | 30                 |
| <br><b>bolted trap screw M<br/>(spigot into pipe bore)</b> | 121.100       | 100       | 30                 |
| <br><b>pipe reducer M<br/>(spigot into pipe bore)</b>    | 198.65.40     | 65 x 40   | 65                 |
|                                                                                                                                             | 198.65.50     | 65 x 50   | 65                 |
|                                                                                                                                             | 198.100.40    | 100 x 40  | 36                 |
|                                                                                                                                             | 122.100.50    | 100 x 50  | 72                 |
| <br><b>level invert taper<br/>M&amp;F</b>               | 123.40.32     | 40 x 32   | 90/5               |
|                                                                                                                                             | 123.50.40     | 50 x 40   | 50/5               |
|                                                                                                                                             | 123.65.40     | 65 x 40   | 180                |
|                                                                                                                                             | 123.65.50     | 65 x 50   | 200                |
|                                                                                                                                             | 123.80.50     | 80 x 50   | 85                 |
|                                                                                                                                             | 123.80.65     | 80 x 65   | 85                 |
|                                                                                                                                             | 123.100.50    | 100 x 50  | 22                 |
|                                                                                                                                             | 123.100.65    | 100 x 65  | 60                 |
|                                                                                                                                             | 123.100.80    | 100 x 80  | 45                 |
| <br><b>level invert taper F&amp;F</b>                    | 123.150.100   | 150 x 100 | 20                 |
|                                                                                                                                             | 123.150.100S* | 150 x 100 | 1                  |
| *Socket both ends                                                                                                                           |               |           |                    |

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|                                                                                                                                          | Order Code                                            | Size (mm) | Ctn/<br>Bag<br>Qty |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------|--------------------|
| <br><b>socket reducer M&amp;F</b>                       | 124.40.32                                             | 40 x 32   | 130/5              |
|                                                                                                                                          | 124.50.40                                             | 50 x 40   | 100/10             |
|                                                                                                                                          | 124.65.40                                             | 65 x 40   | 180/10             |
|                                                                                                                                          | 124.65.50                                             | 65 x 50   | 200/10             |
|                                                                                                                                          | 124.80.50                                             | 80 x 50   | 130/10             |
|                                                                                                                                          | 124.80.65                                             | 80 x 65   | 80                 |
|                                                                                                                                          | 124.100.40                                            | 100 x 40  | 87                 |
|                                                                                                                                          | 124.100.50                                            | 100 x 50  | 87                 |
|                                                                                                                                          | 124.100.65                                            | 100 x 65  | 87                 |
|                                                                                                                                          | 124.100.80                                            | 100 x 80  | 84                 |
|                                                                                                                                          | 124.150.100                                           | 150 x 100 | 35                 |
| <br><b>ceramic socket to<br/>PVC spigot adaptor</b>   | 124.AC.100                                            | 140 x 100 | 72                 |
|                                                                                                                                          | 124.AC.150                                            | 192 x 150 | 8                  |
| <br><b>floor flange</b>                               | 125.65                                                | 65        | 300/10             |
|                                                                                                                                          | 125.80                                                | 80        | 250                |
|                                                                                                                                          | 125.100                                               | 100       | 160                |
| <br><b>female pan collar<br/>(offset)</b>             | 127.80*                                               | 80        | 36                 |
|                                                                                                                                          | *Offset                                               |           |                    |
| <br><b>male pan collar<br/>(offset or concentric)</b> | 127.100**                                             | 100       | 36                 |
|                                                                                                                                          | 127.100A*                                             | 100       | 36                 |
|                                                                                                                                          | 127.100R***                                           | 100       | 140                |
|                                                                                                                                          | *Offset<br>** Concentric<br>*** Rubber Seal Ring only |           |                    |

|                                                                                                                                | Order Code                                                                                  | Size (mm) | Ctn/<br>Bag<br>Qty |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|--------------------|
| <br><b>safe waste tray</b>                    | 128.100                                                                                     | 100       | 120                |
| <br><b>inspection pipe<br/>M&amp;F</b>       | 129.100*                                                                                    | 100       | 9                  |
|                                                                                                                                | 129.100S**                                                                                  | 100       | 14                 |
|                                                                                                                                | 129.150*                                                                                    | 150       | 4                  |
|                                                                                                                                | * Nominal 150mm Access opening<br>**Small access cap and threaded on one main way socket.   |           |                    |
| <br><b>inspection pipe<br/>F&amp;F</b>      | 129.80                                                                                      | 80        | 28                 |
|                                                                                                                                | 129.100FF**                                                                                 | 100       | 9                  |
|                                                                                                                                | 129.150FF**                                                                                 | 150       | 4                  |
|                                                                                                                                | **Nominal 150mm Access opening                                                              |           |                    |
| <br><b>weather apron</b>                    | 131.50                                                                                      | 50        | 50/5               |
|                                                                                                                                | 131.65                                                                                      | 65        | 60                 |
|                                                                                                                                | 131.80                                                                                      | 80        | 156                |
|                                                                                                                                | 131.100                                                                                     | 100       | 100                |
| <br><b>threaded access<br/>cap and base</b> | 136.40                                                                                      | 40        | 260                |
|                                                                                                                                | 136.50                                                                                      | 50        | 90                 |
|                                                                                                                                | 136.80                                                                                      | 80        | 80                 |
|                                                                                                                                | 136.100                                                                                     | 100       | 35                 |
|                                                                                                                                | 136.150                                                                                     | 150       | 12                 |
| <br><b>threaded access cap</b>              | 136C.100                                                                                    | 100       | 45                 |
|                                                                                                                                | 136C.150                                                                                    | 150       | 24                 |
|                                                                                                                                | 136L.150*                                                                                   | 150       | 1                  |
| <br><b>150mm access lid</b>                 | *Nominal 150mm non- threaded access lid only, for 129 inspection pipe & 105 access junction |           |                    |

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|                                                                                                                         | Order Code                                          | Size (mm) | Ctn/<br>Bag<br>Qty |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------|--------------------|
| <br><b>push-on dust cap</b>            | 136.100PP                                           | 100       | 250                |
| <br><b>push-on cap</b>                 | 137.40                                              | 40        | 120/10             |
|                                                                                                                         | 137.50                                              | 50        | 100/10             |
|                                                                                                                         | 137.65                                              | 65        | 250/10             |
|                                                                                                                         | 137.80                                              | 80        | 160/10             |
|                                                                                                                         | 137.100                                             | 100       | 60                 |
|                                                                                                                         | 137.150                                             | 150       | 64                 |
|                                                                                                                         | 137.300                                             | 300       | 12/1               |
| <br><b>vent cowl</b>                 | 150.40                                              | 40        | 100/5              |
|                                                                                                                         | 150.50.40                                           | 50 x 40   | 40/5               |
|                                                                                                                         | 150.65                                              | 65        | 170                |
|                                                                                                                         | 150.80                                              | 80        | 72                 |
|                                                                                                                         | 150.100                                             | 100       | 135                |
|                                                                                                                         |                                                     |           |                    |
| <br><b>squat floor waste gully**</b> | 159.80.50P                                          | 80 x 50   | 32                 |
|                                                                                                                         | 159.80.65P                                          | 80 x 65   | 28                 |
|                                                                                                                         | 159.100.50                                          | 100 x 50  | 26                 |
|                                                                                                                         | 159.100.65                                          | 100 x 65  | 22                 |
|                                                                                                                         | **Use only in conjunction with Iplex Boss Junctions |           |                    |
| <br><b>adjustable gully trap*</b>    | 159.100*                                            | 100       | 10                 |
|                                                                                                                         | *Use only in conjunction with Iplex Boss Junctions  |           |                    |

|                                                                                                                        | Order Code                                                                            | Size (mm)                 | Ctn/<br>Bag<br>Qty |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------|--------------------|
| <br><b>finishing collar</b>           | 172.100                                                                               | 100                       | 66                 |
| <br><b>pop-out grate (flat)</b>      | 151.140                                                                               | 140                       | 132                |
|                                                                                                                        | Grate Only<br>Use in conjunction with 172.100 Finishing Collar                        |                           |                    |
| <br><b>pop-out grate (domed)</b>     | 172G.100                                                                              | 140                       | 130                |
|                                                                                                                        | Grate Only<br>Use in conjunction with 172.100 Finishing Collar                        |                           |                    |
| <br><b>DWV overflow relief cap</b> | 173.100ORC                                                                            | 100                       | 30                 |
| <br><b>boss junction M&amp;F*</b>   | 174.80.50.40.88                                                                       | 80x(2x50)<br>x(2x40) x88° | 30                 |
|                                                                                                                        | 174.80.5444.88                                                                        | 80x(1x50)<br>x(3x40)x88°  | 30                 |
|                                                                                                                        | 174.100.50.40.88                                                                      | 100x(3x50)<br>x(1x40)x88° | 16                 |
|                                                                                                                        | 174.100.5444.88                                                                       | 100x(1x50)<br>x(3x40)x88° | 16                 |
|                                                                                                                        | *Use only in conjunction with Iplex Squat Floor Gully and Adjustable Gully Trap       |                           |                    |
| <br><b>boss junction F&amp;F*</b>   | 104.100.50.40.88                                                                      | 100x(3x50)<br>x(1x40)x88° | 12                 |
|                                                                                                                        | *Use only in conjunction with Iplex Squat Floor Waste Gully and Adjustable Gully Trap |                           |                    |

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|                                                                                                                      | Order Code                                                                                             | Size (mm) | Ctn/<br>Bag<br>Qty |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------|--------------------|
| <br><b>slab repair coupling</b>     | 178.100                                                                                                | 100       | 32                 |
|                                                                                                                      | Outlet end fits inside DWV pipe bore to allow repair of DWV vertical riser through concrete floor slab |           |                    |
| <br><b>vermin stopper</b>           | 183.50                                                                                                 | 50        | 210/5              |
| <br><b>copper to PVC seal ring</b> | 9145.80                                                                                                | 80        | 1                  |
|                                                                                                                      | 9145.100                                                                                               | 100       | 1                  |
|                                                                                                                      | 9145.150                                                                                               | 150       | 1                  |
|                                                                                                                      | Compatible with NZS or BS Copper Tube                                                                  |           |                    |

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#### IPLEX NOVADRAIN®

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|                                                                                                                       | Order Code  | Size (mm)   | Ctn/<br>Bag<br>Qty |
|-----------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------------|
| <br><b>plain bend F&amp;F</b>        | 1501.100.45 | 100 x 45°   | 20                 |
|                                                                                                                       | 1501.100.60 | 100 x 60°   | 18                 |
|                                                                                                                       | 1501.100.88 | 100 x 88°   | 16                 |
|                                                                                                                       | 1501.150.45 | 150 x 45°   | 6                  |
|                                                                                                                       | 1501.150.88 | 150 x 88°   | 4                  |
| <br><b>adjustable bend F&amp;F</b>   | 1501.150A   | 150 x 0-45° | 6                  |
| <br><b>plain bend M&amp;F</b>       | 1571.100.5  | 100 x 5°    | 32                 |
|                                                                                                                       | 1571.100.11 | 100 x 11°   | 34                 |
|                                                                                                                       | 1571.100.15 | 100 x 15°   | 27                 |
|                                                                                                                       | 1571.100.22 | 100 x 22°   | 24                 |
|                                                                                                                       | 1571.100.30 | 100 x 30°   | 27                 |
|                                                                                                                       | 1571.150.15 | 150 x 15°   | 10                 |
| <br><b>ramp bend F&amp;F</b>       | 1502.100.88 | 100 x 88°   | 12                 |
| <br><b>access bend 45° F&amp;F</b> | 1503.100.45 | 100 x 45°   | 8                  |
| <br><b>access bend 88° F&amp;F</b> | 1503.100.88 | 100 x 88°   | 8                  |

|                                                                                                                         | Order Code      | Size (mm)       | Ctn/<br>Bag<br>Qty |
|-------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------------|
| <br><b>45°</b>                         | 1504.100.45     | 100 x 45°       | 8                  |
|                                                                                                                         | 1504.100.88     | 100 x 88°       | 9                  |
| <br><b>88°</b>                         | 1504.150.45     | 150 x 45°       | 2                  |
|                                                                                                                         | 1574.150.45     | 150 x 45°       | 2                  |
| <br><b>45°</b>                        | 1574.150.88     | 150 x 88°       | 2                  |
|                                                                                                                         | 1574.150.88     | 150 x 88°       | 2                  |
| <br><b>88°</b>                       |                 |                 |                    |
| <br><b>reducing junction F&amp;F</b> | 1504.150.100.45 | 150 x 100 x 45° | 3                  |
| <br><b>45°</b>                       | 1574.150.100.45 | 150 x 100 x 45° | 3                  |
|                                                                                                                         | 1574.150.100.88 | 150 x 100 x 88° | 5                  |
| <br><b>88°</b>                       |                 |                 |                    |
| <br><b>reducing junction M&amp;F</b> |                 |                 |                    |
| <br><b>LH</b>                        | 1505.100.45LH   | 100 x 45°       | 6                  |
| <br><b>RH</b>                        | 1505.100.45RH   | 100 x 45°       | 6                  |
| <b>access junction F&amp;F&amp;F</b>                                                                                    |                 |                 |                    |

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|                                                                                                                                          | Order Code   | Size (mm) | Ctn/<br>Bag<br>Qty |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|--------------------|
| <br><b>slip coupling F&amp;F</b>                        | 1511S.80     | 80        | 45                 |
|                                                                                                                                          | 1511S.150    | 150       | 12                 |
| <br><b>combination loose/<br/>slip coupling F&amp;F</b> | 1511.100     | 100       | 36                 |
| <br><b>loose coupling F&amp;F</b>                       | 1511.150     | 150       | 12                 |
| <br><b>repair coupling</b>                             | 1511R.100    | 100       | 27                 |
| <br><b>fresh air inlet</b>                            | 1516.100     | 100       | 12                 |
| <br><b>level invert taper</b>                         | 1523.150.100 | 150 x 100 | 15                 |
| <br><b>reverse level invert<br/>taper</b>             | 1527.100.150 | 100 x 150 | 18                 |
| <br><b>PVC to<br/>ceramic<br/>adaptor<br/>100mm</b>   | 1524.100     | 100       | 44                 |
| <br><b>ceramic socket to<br/>PVC adaptor</b>          | 1525.100     | 100       | 36                 |
|                                                                                                                                          | 1525.150     | 150       | 10                 |

|                                                                                                                     | Order Code   | Size (mm) | Ctn/<br>Bag<br>Qty |
|---------------------------------------------------------------------------------------------------------------------|--------------|-----------|--------------------|
| <br><b>inspection pipe M&amp;F</b> | 1529.100     | 100       | 9                  |
|                                                                                                                     | 1529.150     | 150       | 4                  |
| <br><b>gully trap F&amp;F</b>      | 1559.100     | 100       | 6                  |
| <br><b>gully dish</b>             | 1575.100     | 100       | 10                 |
|                                                                                                                     | 1575L.100*   | 100       | 45                 |
|                                                                                                                     | *Lid Only    |           |                    |
| <br><b>gully dish riser</b>      | 1575.100R    | 100       | 4                  |
|                                                                                                                     | 1575.200R    | 200       | 12                 |
|                                                                                                                     | 1575.300R    | 300       | 4                  |
| <br><b>reflux valve F&amp;F</b>  | 1588.100     | 100       | 2                  |
| <b>flap valve assembly<br/>only</b>                                                                                 | 1588.100FLAP | 100       | 1                  |

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### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX WASTE TRAPS, PAN CONNECTORS & PAN BENDS

|                                                                                                                                               | Order Code  | Size (mm) | Ctn/<br>Bag<br>Qty |                                                                                                                                             | Order Code  | Size (mm) | Ctn/<br>Bag<br>Qty |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|--------------------|
|  <b>plain P trap</b>                                         | 160.40.32P  | 40 x 32   | 22                 |  <b>waste trap telescopic plug &amp; waste S&amp;P</b>     | PS32.40PW   | 40 x 32   | 1                  |
|                                                                                                                                               | 160.50P     | 50 x 32   | 30                 |  <b>waste trap telescopic plug &amp; waste AAV S&amp;P</b> | PS32.40PWV  | 40 x 32   | 45                 |
|  <b>combination S&amp;P (includes dishwasher connection)</b> | 162.40.32DW | 40 x 32   | 45                 |  <b>waste trap telescopic AAV S&amp;P</b>                  | PS32.40VTR  | 40 x 32   | 1                  |
|  <b>waste trap S&amp;P</b>                                  | PS32.40C    | 40 x 32   | 1                  |  <b>pan connector 80mm long spigot concentric</b>         | PCW80       | 80        | 1                  |
|  <b>waste trap telescopic S&amp;P</b>                      | PS32.40TR   | 40 x 32   | 1                  |  <b>pan bend</b>                                         | FFPB100     | 100       | 1                  |
|  <b>waste trap telescopic with nipple S&amp;P</b>          | PS32.40TS   | 40 x 32   | 1                  |  <b>pan bend with bracket</b>                            | FFPB100BK   | 100       | 1                  |
|  <b>waste trap with nipple S&amp;P</b>                     | PS32.40S    | 40 x 32   | 1                  |  <b>adjustable extended pan bend with bracket</b>        | FFPB100EXT  | 100       | 1                  |
|  <b>waste trap telescopic AAV with nipple S&amp;P</b>      | PS32.40CVTS | 40 x 32   | 1                  |  <b>pan bend Q with bracket</b>                          | FFPBQ100EXT | 100       | 1                  |
|  <b>waste trap telescopic P</b>                            | PS32.40TP   | 40 x 32   | 1                  |  <b>pan bend universal with bracket</b>                  | FFPBU100EXT | 100       | 1                  |
|  <b>waste trap short P</b>                                 | PS32.40P    | 40 x 32   | 1                  |  <b>trap adapter 32 x 40mm</b>                           | TA4032      | 32 x 40   | 1                  |
|  <b>waste trap telescopic with nipple P</b>                | PS32.40NP   | 40 x 32   | 1                  |  <b>trap adapter 40mm</b>                                | TA4040      | 40 x 40   | 1                  |
|  <b>waste trap telescopic pop-up S&amp;P</b>               | PS32.40PU   | 40 x 32   | 1                  |  <b>waste extension double with nipple</b>               | DWA40       | 40 x 40   | 1                  |
|  <b>waste trap telescopic pop-up AAV S&amp;P</b>           | PS32.40PUV  | 40 x 32   | 1                  |                                                                                                                                             |             |           |                    |

## SECTION 4

### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX PIPE SUPPORT CLIPS

FOR USE WITH DWV

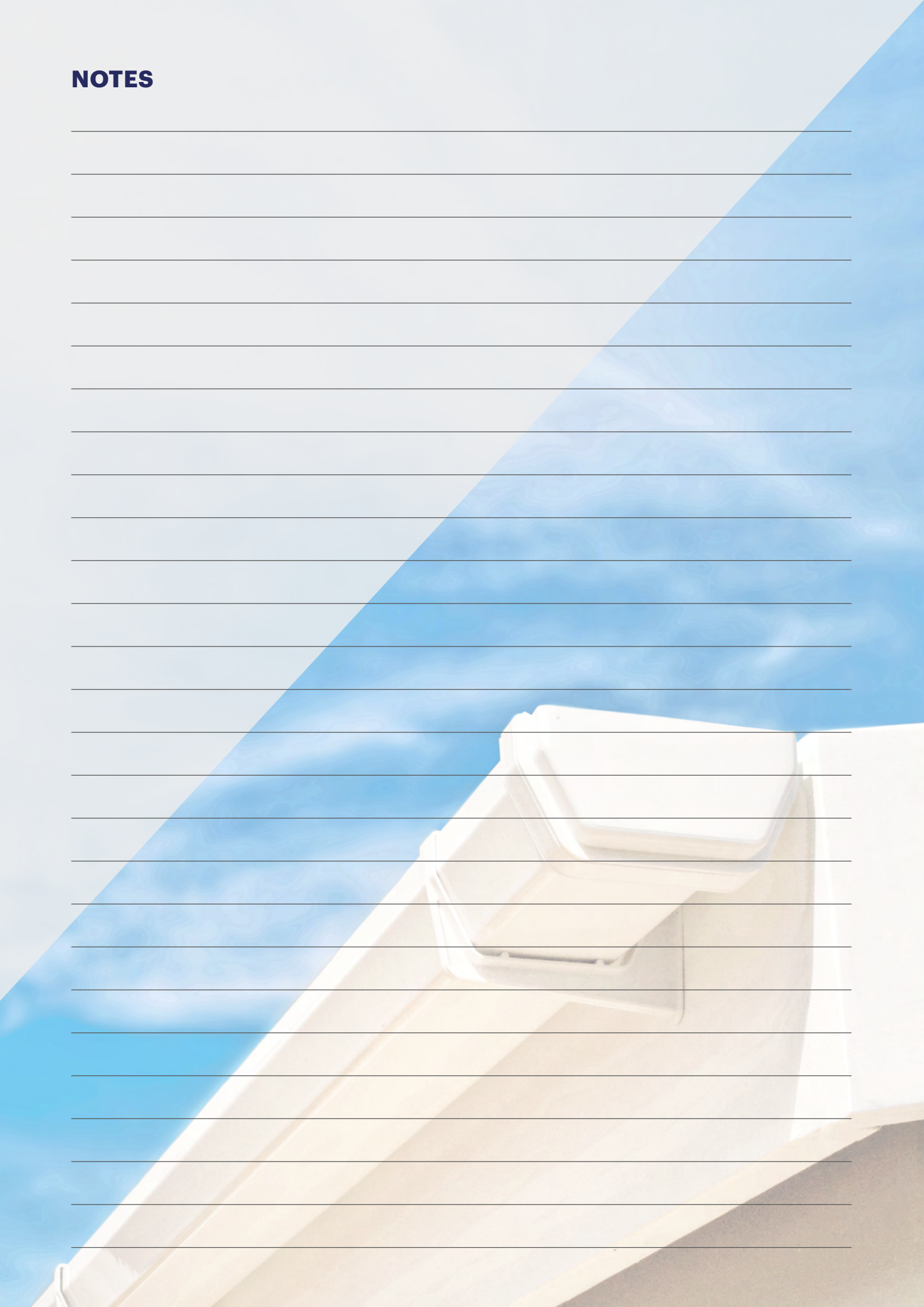
|                                                                                                                                          | Order Code | Size (mm) | Ctn/<br>Bag<br>Qty |
|------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|--------------------|
| <br>DWV pipe clip                                       | 140.32     | 32        | 540/10             |
|                                                                                                                                          | 140.40     | 40        | 400/10             |
|                                                                                                                                          | 140.50     | 50        | 240/5              |
|                                                                                                                                          | 140.65     | 65        | 80                 |
| <br>DWV holderbat<br>(aluminium)                        | 140H.80    | 80        | 100                |
|                                                                                                                                          | 140H.100   | 100       | 100                |
|                                                                                                                                          | 140H.150   | 150       | 100                |
| <br>DWV standard<br>key clip                           | 141.32     | 32        | 300/10             |
|                                                                                                                                          | 141.40     | 40        | 250/10             |
|                                                                                                                                          | 141.50     | 50        | 190/10             |
|                                                                                                                                          | 141.80     | 80        | 50                 |
|                                                                                                                                          | 141.100    | 100       | 50/10              |
| <br>DWV side hanger<br>key clip                       | 142.32     | 32        | 400/10             |
|                                                                                                                                          | 142.40     | 40        | 400/10             |
|                                                                                                                                          | 142.50     | 50        | 250 /10            |
|                                                                                                                                          | 142.80     | 80        | 120                |
|                                                                                                                                          | 142.100    | 100       | 120                |
| <br>DWV stand off<br>key clip                         | 143.32     | 32        | 250/10             |
|                                                                                                                                          | 143.40     | 40        | 200/10             |
|                                                                                                                                          | 143.50     | 50        | 200/10             |
|                                                                                                                                          | 143.80     | 80        | 50                 |
|                                                                                                                                          | 143.100    | 100       | 35                 |
|                                                                                                                                          | 143.150    | 150       | 25                 |
| <br>copper pipe clipit<br>complete with nail          | 841C.15    | 15        | 10                 |
|                                                                                                                                          | 841C.20    | 20        | 10                 |
| <br>polybutylene pipe<br>clipit complete<br>with nail | 841P.15    | 15        | 10                 |
|                                                                                                                                          | 841P.20    | 20        | 10                 |

#### SMART PRODUCTS

|                                                                                                   | Order Code       | Size (mm) | Ctn/<br>Bag<br>Qty |
|---------------------------------------------------------------------------------------------------|------------------|-----------|--------------------|
| <br>smartpan    | D101SPAN         | 100       | 12                 |
| <br>smartseal   | D101SSEAL        |           | 15                 |
| <br>smartwaste  | D101SWASTE*      | 100       | 6                  |
|                                                                                                   | *Includes Lid    |           |                    |
| <br>smartrap  | D101STRAP.50     | 100 x 50  | 6                  |
| <br>smarttile | D101STILE.2*     |           | 32                 |
|                                                                                                   | *Stainless steel |           |                    |

**Note:** In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex plumbing, drain, waste and vent fittings may be subject to change without notice.

NOTES



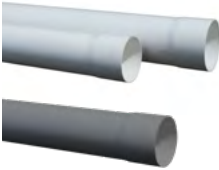
# RAINWATER SYSTEMS

## SECTION 5

### RAINWATER SYSTEMS

#### IPLEX DOWNPIPE & FITTINGS PRODUCT RANGE—SCJ



|                                                                                     | Order Code                                                   | Description                                                                                                                                                   | Size (mm)   | Ctn/Bag Qty |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
|    | RP65.3SOE<br>White                                           | <b>Downpipe</b> , above ground application, 65mm                                                                                                              | 65 x 3m     | 192/12*     |
|                                                                                     | RP80.3SOE<br>White                                           | <b>Downpipe</b> , above ground application, 80mm                                                                                                              | 80 x 3m     | 135/9**     |
|                                                                                     | * available in bundles of 12<br>** available in bundles of 9 |                                                                                                                                                               |             |             |
|                                                                                     | 700SN4.90.6 SOE<br>Grey                                      | <b>Downpipe or stormwater pipe</b> , above* or below ground application, 90mm                                                                                 | 90 x 6m     | 81          |
|   | RWB.65.95<br>White                                           | <b>Socket bend 95° F&amp;F</b> (convertable to M&F)                                                                                                           | 65 x 95°    | 15          |
|                                                                                     | RWB.80.95<br>White                                           | <b>Socket bend 95° F&amp;F</b> (convertable to M&F)                                                                                                           | 80 x 95°    | 15          |
|  | RWB.65.112<br>White                                          | <b>Socket bend 112° F&amp;F</b> (convertable to M&F)                                                                                                          | 65 x 112°   | 15          |
|                                                                                     | RWB.80.112<br>White                                          | <b>Socket bend 112° F&amp;F</b> (convertable to M&F)                                                                                                          | 80 x 112°   | 10          |
|  | RWJ.65.95<br>White                                           | <b>Junction F&amp;F&amp;M</b>                                                                                                                                 | 65 x 95°    | 15          |
|                                                                                     | RWJ.80.95<br>White                                           | <b>Junction F&amp;F&amp;M</b>                                                                                                                                 | 80 x 95°    | 10          |
|  | DPC.65<br>White                                              | <b>Pipe support clips</b>                                                                                                                                     | 65mm        | 80          |
|                                                                                     | DPC.80<br>White                                              | <b>Pipe support clips</b>                                                                                                                                     | 80mm        | 80/10       |
|  | DPA.65.90<br>White                                           | <b>Downpipe to stormwater adaptor F&amp;F</b>                                                                                                                 | 65mm x 90mm | 75          |
|                                                                                     | DPA.80.90<br>White                                           | <b>Downpipe to stormwater adaptor F&amp;F</b>                                                                                                                 | 80mm x 90mm | 65          |
|  | RWSOC.65<br>White                                            | <b>Downpipe socket joiner M&amp;F</b>                                                                                                                         | 65mm        | 55          |
|                                                                                     | RWSOC.80<br>White                                            | <b>Downpipe socket joiner M&amp;F</b>                                                                                                                         | 80mm        | 35          |
|  | GP.80<br>White                                               | <b>Gutter pop</b><br>(Allows 80mm downpipe connection directly to the spouting profile. Cut 80mm round hole and solvent cement flange to inside of spouting.) | 80mm        | 130         |
|  | DSC150<br>White                                              | <b>Downpipe Solvent Cement</b><br>(use with white Iplex® PVC downpipe fittings)                                                                               | 150ml       | 10/1        |

Note: Iplex® 65mm and 80 mm PVC-U rainwater downpipes are suitable for above ground applications only. Iplex Superstorm® 90mm, 100mm or 150mm PVC-U stormwater pipes and fittings may be used for underground rainwater pipes or for larger diameter above ground rainwater down pipes.

**\* Iplex Superstorm® stormwater pipes and fittings used above ground, must be painted with a pale-coloured UV resistant water based paint system, for weathering protection.**

## SECTION 5

### RAINWATER SYSTEMS



## IPLEX POLYFLOW™ SPOUTING PRODUCT RANGE—RRJ

|                                                                                     | White Order Code | Description                                                                                                                                                                        | Size (mm)  | Ctn/Bag Qty |
|-------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|
|    | RD500W           | <b>Iplex Polyflow™ Spouting 3m</b>                                                                                                                                                 | 117 x 3m   | 5           |
|    | RD501W           | <b>Iplex Polyflow™ Spouting 4m</b>                                                                                                                                                 | 117 x 4m   | 5           |
|   | RD502W           | <b>Iplex Polyflow™ Union Bracket</b><br>(Fix to fascia with 1 screw, after spouting run is fitted into fascia brackets)                                                            | 117        | 1           |
|  | RD503W           | <b>Iplex Polyflow™ Corner 90°</b><br>Suitable for either internal or external corners.<br>(No screws required)<br>(Install a fascia bracket adjacent to both sides of the corner)  | 117 x 90°  | 40/1        |
|  | RD504W           | <b>Iplex Polyflow™ Corner 135°</b><br>Suitable for either internal or external corners.<br>(No screws required)<br>(Install a fascia bracket adjacent to both sides of the corner) | 117 x 135° | 1           |
|  | RD505W           | <b>Iplex Polyflow™ Running Outlet</b><br>(Fix to fascia with 2 screws after spouting run is fitted into fascia brackets)                                                           | 117        | 13/1        |
|  | RD507W           | <b>Iplex Polyflow™ External Stop End</b><br>(Used on the spouting - suitable in either LH or RH positions)                                                                         | 117        | 100/10      |
|  | RD508W           | <b>Iplex Polyflow™ Internal Stop End</b><br>(Used inside the running outlet - suitable in either LH or RH position)                                                                | 117        | 1           |
|  | RD509W           | <b>Iplex Polyflow™ Fascia Bracket</b><br>(Fix to fascia with 3 screws)<br>(Install at max 1.0m centres)                                                                            | 117        | 100/10      |
|  | RWL.30           | <b>Iplex® Spouting Lubricant</b><br>(Apply sparingly as a lighter smear to each seal gasket before jointing)                                                                       | 30ml       | 16/1        |

## SECTION 5

### RAINWATER SYSTEMS

#### IPLEX SQUARE™ SPOUTING PRODUCT RANGE—RRJ



|                                                                                     | White Order Code | Description                                                                                                                                                                                                       | Size (mm)    | Ctn/Bag Qty |
|-------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
|    | RS200W           | <b>Ipex Square™ Spouting 2m</b>                                                                                                                                                                                   | 112 x 2m     | 5           |
|    | RS201W           | <b>Ipex Square™ Spouting 4m</b>                                                                                                                                                                                   | 112 x 4m     | 5           |
|    | RS202W           | <b>Ipex Square™ Union Bracket</b><br>(Fix to fascia with 1 screw after spouting run is fitted into fascia brackets)                                                                                               | 112          | 50/10       |
|    | RS203W           | <b>Ipex Square™ Corner 90°</b><br>Suitable for either internal or external corners<br>(No screws required)<br>(Install a fascia bracket adjacent to both sides of corner)                                         | 112 x 90°    | 20/2        |
|  | RS204W           | <b>Ipex Square™ Corner 135°</b><br>Suitable for either internal or external corners<br>(No screws required)<br>(Install a fascia bracket adjacent to both sides of corner)                                        | 112 x 135°   | 5/1         |
|  | RS215W           | <b>Ipex Square™ Corner 150°</b><br>Suitable for either internal or external corners<br>(No screws required)<br>(Install a fascia bracket adjacent to both sides of corner)                                        | 112 x 150°   | 1           |
|  | RS205W           | <b>Ipex Square™ Running Outlet</b><br>(Use with RS231 square to round adaptor)<br>(Fix to fascia with 2 screws after the spouting run is fitted into fascia brackets)<br>(Use with RS231 square to round adaptor) | 112          | 20/1        |
|  | RS206W           | <b>Ipex Square™ Short Stop End Outlet</b><br>Suitable in either LH or RH positions<br>(Install with RS209 fascia bracket)<br>(Use with RS231 square to round adaptor)                                             | 112          | 10/1        |
|  | RS207W           | <b>Ipex Square™ External Stop End</b><br>(Used on the spouting - suitable in either LH or RH position)                                                                                                            | 112          | 10/1        |
|  | RS208W           | <b>Ipex Square™ Internal Stop End</b><br>(Used inside the running outlet - suitable in either LH or RH position)                                                                                                  | 112          | 10/1        |
|  | RS209W           | <b>Ipex Square™ Fascia Bracket</b><br>(Fix to fascia with 3 screws)<br>(Fix at max 1.0m centres)                                                                                                                  | 112          | 100/20      |
|  | RS231W           | <b>Ipex Square™ to 65mm Round Downpipe Adaptor</b><br>(Fix to running outlet with 2 screws)                                                                                                                       | 50 x 50 x 65 | 100/10      |
|  | RWL.30           | <b>Ipex® Spouting Lubricant</b><br>(Apply sparingly as a lighter smear to each seal gasket before jointing)                                                                                                       | 30ml         | 16/1        |

# RURAL SYSTEMS

## SECTION 6

### RURAL SYSTEMS

#### IPLEX ALKATHENE™ LDPE PRESSURE PIPE

|                                                                                                 | Order Code | Size (mm) | Pressure Rating Bar | Coil length in m |
|-------------------------------------------------------------------------------------------------|------------|-----------|---------------------|------------------|
| <br>black pipe | 300.15.25  | 15        | 9.7                 | 25               |
|                                                                                                 | 300.15.50  | 15        | 9.7                 | 50               |
|                                                                                                 | 300.15.100 | 15        | 9.7                 | 100              |
|                                                                                                 | 300.15.200 | 15        | 9.7                 | 200              |
|                                                                                                 | 300.20.25  | 20        | 9                   | 25               |
|                                                                                                 | 300.20.50  | 20        | 9                   | 50               |
|                                                                                                 | 300.20.100 | 20        | 9                   | 100              |
|                                                                                                 | 300.20.200 | 20        | 9                   | 200              |
|                                                                                                 | 300.25.25  | 25        | 8                   | 25               |
|                                                                                                 | 300.25.50  | 25        | 8                   | 50               |
|                                                                                                 | 300.25.100 | 25        | 8                   | 100              |
|                                                                                                 | 300.25.200 | 25        | 8                   | 200              |
|                                                                                                 | 300.32.25  | 32        | 7                   | 25               |
|                                                                                                 | 300.32.50  | 32        | 7                   | 50               |
|                                                                                                 | 300.32.100 | 32        | 7                   | 100              |
|                                                                                                 | 300.32.200 | 32        | 7                   | 200              |
|                                                                                                 | 300.40.25  | 40        | 6                   | 25               |
|                                                                                                 | 300.40.50  | 40        | 6                   | 50               |
|                                                                                                 | 300.40.100 | 40        | 6                   | 100              |
|                                                                                                 | 300.40.200 | 40        | 6                   | 200              |
|                                                                                                 | 300.50.25  | 50        | 5                   | 25               |
|                                                                                                 | 300.50.50  | 50        | 5                   | 50               |
|                                                                                                 | 300.50.100 | 50        | 5                   | 100              |
|                                                                                                 | 300.50.200 | 50        | 5                   | 200              |

#### IRRIPOD PIPE LDPE PASTURE IRRIGATION PRESSURE PIPE

|                                                                                                   | Order Code   | Size (mm) | Pressure Rating Bar | Coil length in m |
|---------------------------------------------------------------------------------------------------|--------------|-----------|---------------------|------------------|
| <br>black pipe | IRRIPOD45100 | 45        | 5                   | 100              |
|                                                                                                   | IRRIPOD45200 | 45        | 5                   | 200              |

## SECTION 6

### RURAL SYSTEMS

#### IPLEX EFFLUENT PVC-U PRESSURE PIPE

|                                                                                                                            | Order Code          | Size (mm) x Length (m) | Pressure Rating Bar | Pack/Bundle Qty |
|----------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------|-----------------|
|  <p>lilac pipe with rubber ring joint</p> | Z822.80PN6.6 LILAC  | 80 x 6                 | 6                   | 60              |
|                                                                                                                            | Z822.100PN6.6 LILAC | 100 x 6                | 6                   | 40              |
|                                                                                                                            | Z822.80PN8.6 LILAC  | 80 x 6                 | 8                   | 60              |
|                                                                                                                            | Z822.80PN8.6 LILAC  | 100 x 6                | 8                   | 40              |

#### IPLEX EFFLUENT PE100 PRESSURE PIPE - AS/NZS 4130

##### EFFLUENT PE PN6.3

|                                                                                                                          | Order Code       | Size (mm) | Pressure Rating Bar | Coil Length in m |
|--------------------------------------------------------------------------------------------------------------------------|------------------|-----------|---------------------|------------------|
|  <p>black pipe with lilac stripes</p> | 2200.63PN6.3.50  | 63        | 6.3                 | 50               |
|                                                                                                                          | 2200.63PN6.3.100 | 63        | 6.3                 | 100              |
|                                                                                                                          | 2200.75PN6.3.50  | 75        | 6.3                 | 50               |
|                                                                                                                          | 2200.75PN6.3.100 | 75        | 6.3                 | 100              |
|                                                                                                                          | 2200.90PN6.3.50  | 90        | 6.3                 | 50               |
|                                                                                                                          | 2200.90PN6.3.100 | 90        | 6.3                 | 100              |

##### EFFLUENT PE PN8

|                                                                                                                          | Order Code      | Size (mm) | Pressure Rating Bar | Coil Length in m |
|--------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|---------------------|------------------|
|  <p>black pipe with lilac stripes</p> | 2200.75PN8.50   | 75        | 8                   | 50               |
|                                                                                                                          | 2200.75PN8.100  | 75        | 8                   | 100              |
|                                                                                                                          | 2200.90PN8.50   | 90        | 8                   | 50               |
|                                                                                                                          | 2200.90PN8.100  | 90        | 8                   | 100              |
|                                                                                                                          | 2200.110PN8.50  | 110       | 8                   | 50               |
|                                                                                                                          | 2200.110PN8.100 | 110       | 8                   | 100              |

#### IPLEX NOVATUBE™ LDPE HORTICULTURAL LATERAL TUBE

|                                                                                                       | Order Code | Size (mm) | Pressure Rating Bar | Coil Length in m |
|-------------------------------------------------------------------------------------------------------|------------|-----------|---------------------|------------------|
|  <p>black pipe</p> | 350.13.50  | 13        | 5                   | 50               |
|                                                                                                       | 350.13.100 | 13        | 5                   | 100              |
|                                                                                                       | 350.13.400 | 13        | 5                   | 400              |
|                                                                                                       | 350.16.25  | 16        | 5                   | 25               |
|                                                                                                       | 350.16.50  | 16        | 5                   | 50               |
|                                                                                                       | 350.16.100 | 16        | 5                   | 100              |
|                                                                                                       | 350.16.400 | 16        | 5                   | 400              |
|                                                                                                       | 350.19.25  | 19        | 5                   | 25               |
|                                                                                                       | 350.19.50  | 19        | 5                   | 50               |
|                                                                                                       | 350.19.100 | 19        | 5                   | 100              |
|                                                                                                       | 350.19.300 | 19        | 5                   | 300              |
|                                                                                                       | 350.25.25  | 25        | 5                   | 25               |
|                                                                                                       | 350.25.50  | 25        | 5                   | 50               |
|                                                                                                       | 350.25.100 | 25        | 5                   | 100              |
|                                                                                                       | 350.25.200 | 25        | 5                   | 200              |

## SECTION 6

### RURAL SYSTEMS

#### IPLEX GREENLINE™ PE100 PRESSURE PIPE - AS / NZS 4130

|                                                                                                                    | Order Code    | Size (mm) | Pressure Rating Bar | Coil length in m |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------|------------------|
| <br>black pipe with green stripes | 370.20PN9.50  | 20        | 9                   | 50               |
|                                                                                                                    | 370.20PN9.100 | 20        | 9                   | 100              |
|                                                                                                                    | 370.20PN9.200 | 20        | 9                   | 200              |
|                                                                                                                    | 370.25PN8.50  | 25        | 8                   | 50               |
|                                                                                                                    | 370.25PN8.100 | 25        | 8                   | 100              |
|                                                                                                                    | 370.25PN8.200 | 25        | 8                   | 200              |
|                                                                                                                    | 370.32PN8.50  | 32        | 8                   | 50               |
|                                                                                                                    | 370.32PN8.100 | 32        | 8                   | 100              |
|                                                                                                                    | 370.32PN8.200 | 32        | 8                   | 200              |

|                                                                                                                    | Order Code      | Size (mm) | Pressure Rating Bar | Coil length in m |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-----------|---------------------|------------------|
| <br>black pipe with green stripes | 370.40PN6.3.50  | 40        | 6.3                 | 50               |
|                                                                                                                    | 370.40PN6.3.100 | 40        | 6.3                 | 100              |
|                                                                                                                    | 370.40PN6.3.200 | 40        | 6.3                 | 200              |
|                                                                                                                    | 370.50PN6.3.50  | 50        | 6.3                 | 50               |
|                                                                                                                    | 370.50PN6.3.100 | 50        | 6.3                 | 100              |
|                                                                                                                    | 370.50PN6.3.200 | 50        | 6.3                 | 200              |
|                                                                                                                    | 370.63PN6.3.50  | 63        | 6.3                 | 50               |
|                                                                                                                    | 370.63PN6.3.100 | 63        | 6.3                 | 100              |
|                                                                                                                    | 370.63PN6.3.200 | 63        | 6.3                 | 200              |

#### IPLEX FARMLINE PE100 PRESSURE PIPE - AS NZS 4130

|                                                                                     | Order Code    | Size (mm) | Pressure Rating Bar | Coil length in m |
|-------------------------------------------------------------------------------------|---------------|-----------|---------------------|------------------|
|  | 365.40PN8.50  | 40        | 8                   | 50               |
|                                                                                     | 365.40PN8.100 | 40        | 8                   | 100              |
|                                                                                     | 365.40PN8.200 | 40        | 8                   | 200              |
|                                                                                     | 365.50PN8.50  | 50        | 8                   | 50               |
|                                                                                     | 365.50PN8.100 | 50        | 8                   | 100              |
|                                                                                     | 365.50PN8.200 | 50        | 8                   | 200              |
|                                                                                     | 365.63PN8.50  | 63        | 8                   | 50               |
|                                                                                     | 365.63PN8.100 | 63        | 8                   | 100              |
|                                                                                     | 365.63PN8.200 | 63        | 8                   | 200              |

#### IPLEX REDLINE™ PE 100 PE100 PRESSURE PIPE - AS NZS 4130

|                                                                                                                    | Order Code       | Size (mm) | Pressure Rating Bar | Coil length in m |
|--------------------------------------------------------------------------------------------------------------------|------------------|-----------|---------------------|------------------|
| <br>black pipe with red stripes | 360.20PN12.5.50  | 20        | 12.5                | 50               |
|                                                                                                                    | 360.20PN12.5.100 | 20        | 12.5                | 100              |
|                                                                                                                    | 360.20PN12.5.200 | 20        | 12.5                | 200              |
|                                                                                                                    | 360.25PN12.5.50  | 25        | 12.5                | 50               |
|                                                                                                                    | 360.25PN12.5.100 | 25        | 12.5                | 100              |
|                                                                                                                    | 360.25PN12.5.200 | 25        | 12.5                | 200              |
|                                                                                                                    | 360.32PN9.50     | 32        | 9                   | 50               |
|                                                                                                                    | 360.32PN9.100    | 32        | 9                   | 100              |
|                                                                                                                    | 360.32PN9.200    | 32        | 9                   | 200              |

|                                                                                                                    | Order Code    | Size (mm) | Pressure Rating Bar | Coil length in m |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------|------------------|
| <br>black pipe with red stripes | 360.40PN9.50  | 40        | 9                   | 50               |
|                                                                                                                    | 360.40PN9.100 | 40        | 9                   | 100              |
|                                                                                                                    | 360.40PN9.200 | 40        | 9                   | 200              |
|                                                                                                                    | 360.50PN9.50  | 50        | 9                   | 50               |
|                                                                                                                    | 360.50PN9.100 | 50        | 9                   | 100              |
|                                                                                                                    | 360.50PN9.200 | 50        | 9                   | 200              |
|                                                                                                                    | 360.63PN9.50  | 63        | 9                   | 50               |
|                                                                                                                    | 360.63PN9.100 | 63        | 9                   | 100              |
|                                                                                                                    | 360.63PN9.200 | 63        | 9                   | 200              |

## SECTION 6

### RURAL SYSTEMS

#### IPLEX RURAL BLACK PE100 RISER PRESSURE PIPE - AS / NZS 4130

|                                                                                                 | Order Code     | Size (mm) | Pressure Rating Bar | Length m |
|-------------------------------------------------------------------------------------------------|----------------|-----------|---------------------|----------|
| <br>black pipe | 340.32PN12.5.6 | 32        | 12.5                | 6        |
|                                                                                                 | 340.40PN12.5.6 | 40        | 12.5                | 6        |
|                                                                                                 | 340.50PN12.5.6 | 50        | 12.5                | 6        |
|                                                                                                 | 340.63PN12.5.6 | 63        | 12.5                | 6        |

#### IPLEX RURAL BLACK PE100 PRESSURE PIPE - AS / NZS 4130

|                                                                                                   | Order Code       | Size (mm) | Pressure Rating Bar | Coil length in m |
|---------------------------------------------------------------------------------------------------|------------------|-----------|---------------------|------------------|
| <br>black pipe | 340.32PN12.5.50  | 32        | 12.5                | 50               |
|                                                                                                   | 340.32PN12.5.100 | 32        | 12.5                | 100              |
|                                                                                                   | 340.32PN12.5.200 | 32        | 12.5                | 200              |
|                                                                                                   | 340.40PN12.5.50  | 40        | 12.5                | 50               |
|                                                                                                   | 340.40PN12.5.100 | 40        | 12.5                | 100              |
|                                                                                                   | 340.40PN12.5.200 | 40        | 12.5                | 200              |
|                                                                                                   | 340.50PN12.5.50  | 50        | 12.5                | 50               |
|                                                                                                   | 340.50PN12.5.100 | 50        | 12.5                | 100              |
|                                                                                                   | 340.50PN12.5.200 | 50        | 12.5                | 200              |

|                                                                                                    | Order Code        | Size (mm) | Pressure Rating Bar | Coil length in m |
|----------------------------------------------------------------------------------------------------|-------------------|-----------|---------------------|------------------|
| <br>black pipe | 340.63PN12.5.50   | 63        | 12.5                | 50               |
|                                                                                                    | 340.63PN12.5.100  | 63        | 12.5                | 100              |
|                                                                                                    | 340.63PN12.5.200  | 63        | 12.5                | 200              |
|                                                                                                    | 340.75PN12.5.50   | 75        | 12.5                | 50               |
|                                                                                                    | 340.75PN12.5.100  | 75        | 12.5                | 100              |
|                                                                                                    | 340.90PN12.5.50   | 90        | 12.5                | 50               |
|                                                                                                    | 340.90PN12.5.100  | 90        | 12.5                | 100              |
|                                                                                                    | 340.110PN12.5.50  | 110       | 12.5                | 50               |
|                                                                                                    | 340.110PN12.5.100 | 110       | 12.5                | 100              |

#### IPLEX BLACKLINE™ PE100 PRESSURE PIPE - AS / NZS 4130

|                                                                                                                     | Order Code         | Size (mm) | Pressure Rating Bar | Coil length in m |
|---------------------------------------------------------------------------------------------------------------------|--------------------|-----------|---------------------|------------------|
| <br>black pipe with blue stripes | 3500.25PN16.25BMS  | 25        | 16                  | 25               |
|                                                                                                                     | 3500.25PN16.50BMS  | 25        | 16                  | 50               |
|                                                                                                                     | 3500.25PN16.100BMS | 25        | 16                  | 100              |
|                                                                                                                     | 3500.32PN16.25BMS  | 32        | 16                  | 25               |
|                                                                                                                     | 3500.32PN16.50BMS  | 32        | 16                  | 50               |
|                                                                                                                     | 3500.32PN16.100BMS | 32        | 16                  | 100              |
|                                                                                                                     | 3500.40PN16.25BMS  | 40        | 16                  | 25               |
|                                                                                                                     | 3500.40PN16.50BMS  | 40        | 16                  | 50               |
|                                                                                                                     | 3500.40PN16.100BMS | 40        | 16                  | 100              |
|                                                                                                                     | 3500.50PN16.25BMS  | 50        | 16                  | 25               |
|                                                                                                                     | 3500.50PN16.50BMS  | 50        | 16                  | 50               |
|                                                                                                                     | 3500.50PN16.100BMS | 50        | 16                  | 100              |

|                                                                                                                     | Order Code          | Size (mm) | Pressure Rating Bar | Coil length in m |
|---------------------------------------------------------------------------------------------------------------------|---------------------|-----------|---------------------|------------------|
| <br>black pipe with blue stripes | 3500.63PN16.25BMS   | 63        | 16                  | 25               |
|                                                                                                                     | 3500.63PN16.50BMS   | 63        | 16                  | 50               |
|                                                                                                                     | 3500.63PN16.100BMS  | 63        | 16                  | 100              |
|                                                                                                                     | 3500.75PN16.50BMS   | 75        | 16                  | 50               |
|                                                                                                                     | 3500.75PN16.100BMS  | 75        | 16                  | 100              |
|                                                                                                                     | 3500.90PN16.50BMS   | 90        | 16                  | 50               |
|                                                                                                                     | 3500.90PN16.100BMS  | 90        | 16                  | 100              |
|                                                                                                                     | 3500.110PN16.50BMS  | 110       | 16                  | 50               |
|                                                                                                                     | 3500.110PN16.100BMS | 110       | 16                  | 100              |

## SECTION 6

### RURAL SYSTEMS

## IPLEX BLACKLINE™ HP PE100 POLYETHYLENE PRESSURE PIPE - AS / NZS 4130

### BLACKLINE HP PN20

|                                                                                                 | Order Code        | Size (mm) | Pressure Rating Bar | Coil Length in m |
|-------------------------------------------------------------------------------------------------|-------------------|-----------|---------------------|------------------|
| <br>black pipe | 3500.63PN20.50B   | 63        | 20                  | 50               |
|                                                                                                 | 3500.63PN20.100B  | 63        | 20                  | 100              |
|                                                                                                 | 3500.90PN20.50B   | 90        | 20                  | 50               |
|                                                                                                 | 3500.90PN20.100B  | 90        | 20                  | 100              |
|                                                                                                 | 3500.110PN20.50B  | 110       | 20                  | 50               |
|                                                                                                 | 3500.110PN20.100B | 110       | 20                  | 100              |

### BLACKLINE HP PN25

|                                                                                                 | Order Code        | Size (mm) | Pressure Rating Bar | Coil Length in m |
|-------------------------------------------------------------------------------------------------|-------------------|-----------|---------------------|------------------|
| <br>black pipe | 3500.63PN25.50B   | 63        | 25                  | 50               |
|                                                                                                 | 3500.63PN25.100B  | 63        | 25                  | 100              |
|                                                                                                 | 3500.90PN25.50B   | 90        | 25                  | 50               |
|                                                                                                 | 3500.90PN25.100B  | 90        | 25                  | 100              |
|                                                                                                 | 3500.110PN25.50B  | 110       | 25                  | 50               |
|                                                                                                 | 3500.110PN25.100B | 110       | 25                  | 100              |

## BLACKLINE™ HP DUCTILE IRON (DI) PRESSURE FITTINGS

### FOR USE WITH BLACKLINE PN20 AND PN25 PIPE

|                                                                                                                              | Order Code   | Size (mm) | Ctn/Bag Qty |
|------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-------------|
| <br>ductile iron coupling PN25            | VIT905PEC63C | 63        | 12          |
|                                                                                                                              | VIT905PEC90C | 90        | 6           |
|                                                                                                                              | DIC110PE     | 110       | 4           |
| <br>ductile iron transition coupling PN25 | VIT907TC63C  | 63        | 14          |
|                                                                                                                              | DITC90PE     | 90        | 10          |
|                                                                                                                              | DITC110PE    | 110       | 6           |

|                                                                                                                                    | Order Code | Size (mm) | Ctn/Bag Qty |
|------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-------------|
| <br>stainless steel male threaded adaptor PN25 | SSMTA50    | 63 x 2"   | 1           |
|                                                                                                                                    | SSMTA80    | 90 x 3"   | 1           |
|                                                                                                                                    | SSMTA100   | 110 x 4"  | 1           |

Use with DITC transition coupling

|                                                                                                                                     | Order Code | Size (mm)        | PCD (mm) | Ctn/Bag Qty |
|-------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|----------|-------------|
| <br>ductile iron universal flanged adaptor PN25 | DIUFA50    | 63 x 50 flange   | 120-125  | 1           |
|                                                                                                                                     | DIUFA80    | 90 x 80 flange   | 150-160  | 1           |
|                                                                                                                                     | DIUFA100   | 110 x 100 flange | 175-191  | 1           |

Use with DITC transition coupling

## SECTION 6

### RURAL SYSTEMS

#### IPLEX NEXUSFLO™ HDPE LAND DRAINAGE PIPE

TWIN WALL, SMOOTH BORE, SLOTTED

|                                                                                                                                                     | Order Code  | Size (mm) | Coil length in m |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------------|
|  <p>black pipe with blue stripe supplied with push fit coupler</p> | NEXUS11015  | 110       | 15               |
|                                                                                                                                                     | NEXUS11030  | 110       | 30               |
|                                                                                                                                                     | NEXUS11050  | 110       | 50               |
|                                                                                                                                                     | NEXUS110100 | 110       | 100              |
|                                                                                                                                                     | NEXUS110450 | 110       | 450              |
|                                                                                                                                                     | NEXUS16045  | 160       | 45               |
|                                                                                                                                                     | NEXUS160185 | 160       | 185              |
|                                                                                                                                                     | NEXUS2005   | 200       | 5                |
|                                                                                                                                                     | NEXUS20029  | 200       | 29               |
|                                                                                                                                                     | NEXUS200120 | 200       | 120              |

#### IPLEX NEXUSCOIL™ HDPE DUCT PIPE

TWIN WALL, SMOOTH BORE, UNSLOTTED

|                                                                                                                                                         | Order Code      | Size (mm) | Coil length in m |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|------------------|
|  <p>black pipe with yellow stripe supplied with push fit coupler</p> | NEXUSCOIL11015  | 110       | 15               |
|                                                                                                                                                         | NEXUSCOIL11030  | 110       | 30               |
|                                                                                                                                                         | NEXUSCOIL11050  | 110       | 50               |
|                                                                                                                                                         | NEXUSCOIL110100 | 110       | 100              |
|                                                                                                                                                         | NEXUSCOIL110450 | 110       | 450              |
|                                                                                                                                                         | NEXUSCOIL16045  | 160       | 45               |
|                                                                                                                                                         | NEXUSCOIL160185 | 160       | 185              |
|                                                                                                                                                         | NEXUSCOIL20029  | 200       | 29               |
|                                                                                                                                                         | NEXUSCOIL200120 | 200       | 120              |

#### IPLEX NOVAFLO® HDPE LAND DRAINAGE PIPE

SINGLE WALL, CORRUGATED BORE, SLOTTED

|                                                                                                                                                                          | Order Code  | Size (mm) | Coil length in m |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------------|
|  <p>black pipe supplied with push fit coupler<br/>- small coils<br/>- large coils</p> | 400.065.15* | 65        | 15               |
|                                                                                                                                                                          | 400.065.30* | 65        | 30               |
|                                                                                                                                                                          | 400.065.150 | 65        | 150              |
|                                                                                                                                                                          | 400.110.15  | 110       | 15               |
|                                                                                                                                                                          | 400.110.30  | 110       | 30               |
|                                                                                                                                                                          | 400.110.50  | 110       | 50               |

|                                                                                                                                                                           | Order Code                        | Size (mm) | Coil length in m |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------|------------------|
|  <p>black pipe supplied with push fit coupler<br/>- small coils<br/>- large coils</p> | 400.110.100                       | 110       | 100              |
|                                                                                                                                                                           | 400.110.450                       | 110       | 450              |
|                                                                                                                                                                           | 400.160.15                        | 160       | 15               |
|                                                                                                                                                                           | 400.160.45                        | 160       | 45               |
|                                                                                                                                                                           | 400.160.185                       | 160       | 185              |
|                                                                                                                                                                           | * Sold only in bundles of 4 coils |           |                  |

\* Sold only in bundles of 4 coils

## SECTION 6

### RURAL SYSTEMS

#### IPLEX NOVACOIL® HDPE DUCT PIPE

SINGLE WALL, CORRUGATED BORE, UNSLOTTED

|                                                                                                                                                      | Order Code  | Size (mm) | Coil length in m |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------------|
|  <p>black pipe with white stripe supplied with push fit coupler</p> | 500.065.15  | 65        | 15               |
|                                                                                                                                                      | 500.065.30  | 65        | 30               |
|                                                                                                                                                      | 500.065.150 | 65        | 150              |
|                                                                                                                                                      | 500.110.15  | 110       | 15               |
|                                                                                                                                                      | 500.110.30  | 110       | 30               |
|                                                                                                                                                      | 500.110.100 | 110       | 100              |
|                                                                                                                                                      | 500.160.15  | 160       | 15               |
|                                                                                                                                                      | 500.160.45  | 160       | 45               |

#### IPLEX NEXUSFLO™ OR IPLEX NOVAFLO® FITTINGS

|                                                                                                                                                                    | Order Code     | Size (mm) | Ctn/Bag Qty |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|-------------|
|  <p>junction</p>                                                                | 104.65.45      | 65        | 35          |
|                                                                                                                                                                    | 104.100.45     | 110       | 12          |
|                                                                                                                                                                    | 704.150.45     | 160       | 4           |
|                                                                                                                                                                    | 704.150.100.45 | 160 x 110 | 5           |
|  <p>pipe coupler</p>                                                            | 410.065        | 65        | 195         |
|                                                                                                                                                                    | 420.110        | 110       | 40          |
|                                                                                                                                                                    | 420.160        | 160       | 12          |
|                                                                                                                                                                    | 420.200        | 200       | 10          |
|  <p>pipe coupler</p>                                                            | 420.250        | 250       | 1           |
|                                                                                                                                                                    |                |           |             |
|                                                                                                                                                                    |                |           |             |
|                                                                                                                                                                    |                |           |             |
|  <p>level invert F&amp;F</p>                                                    | 123.150.100S   | 160 x 110 | 1           |
|                                                                                                                                                                    |                |           |             |
|  <p>flexible push-on cap<br/>removable flexible cap for pipe end protection</p> | 430.32         | 32        | 1           |
|                                                                                                                                                                    | 430.40         | 40        | 1           |
|                                                                                                                                                                    | 430.50         | 50        | 1           |
|                                                                                                                                                                    | 430.63         | 63        | 1           |
|                                                                                                                                                                    | 430.90         | 90        | 1           |
|                                                                                                                                                                    | 430.110        | 110       | 1           |
|                                                                                                                                                                    |                |           |             |

|                                                                                                                                                                     | Order Code | Size (mm) | Ctn/Bag Qty |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-------------|
|  <p>flexible push-on cap<br/>removable flexible cap for pipe end protection</p> | 430.125    | 125       | 1           |
|                                                                                                                                                                     | 430.140    | 140       | 1           |
|                                                                                                                                                                     | 430.160    | 160       | 1           |
|                                                                                                                                                                     | 430.180    | 180       | 1           |
|                                                                                                                                                                     |            |           |             |

## SECTION 6

### RURAL SYSTEMS

## IPLEX NEXUS® CULVERT HDPE CULVERT PIPE

TWIN WALL, SMOOTH BORE

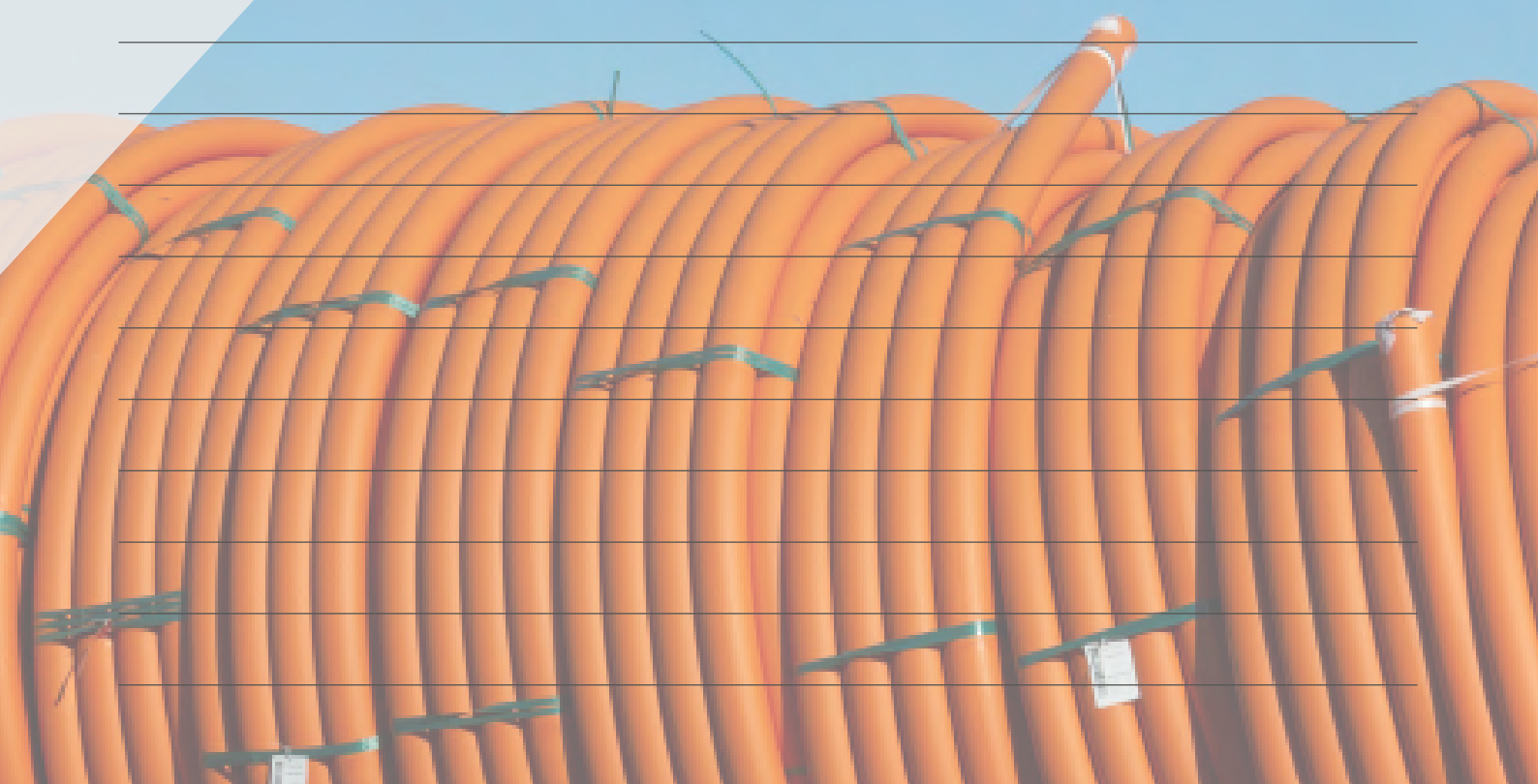
|                                                                                                                                                               | Order Code       | Colour                  | Size (mm) x Length (m) | Pack/Bundle Qty |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|------------------------|-----------------|
|  <p>black pipe with brown stripe, socket one end for push fit jointing</p>   | NEXUSCULVERT1105 | BLACK with BROWN STRIPE | 110 x 5                | 67              |
|                                                                                                                                                               | NEXUSCULVERT1605 | BLACK with BROWN STRIPE | 160 x 5                | 28              |
|                                                                                                                                                               | NEXUSCULVERT2005 | BLACK with BROWN STRIPE | 200 x 5                | 20              |
|                                                                                                                                                               | NEXUSCULVERT2506 | BLACK with NO STRIPE    | 250 x 5                | 12              |
|  <p>black pipe with green stripe, socketed one end for push fit jointing</p> | NEXUSCULVERT3156 | BLACK with GREEN STRIPE | 315 x 6                | 6               |
|                                                                                                                                                               | NEXUSCULVERT4006 | BLACK with GREEN STRIPE | 400 x 6                | 2               |
|                                                                                                                                                               | NEXUSCULVERT5006 | BLACK with GREEN STRIPE | 500 x 6                | 2               |

## IPLEX FARMTUFF® PVC-U CULVERT PIPE

|                                                                                                                 | Order Code    | Size (mm) | Ctn/Bag Qty |
|-----------------------------------------------------------------------------------------------------------------|---------------|-----------|-------------|
|  <p>solvent cement joint</p> | 550.110.5 SOE | 110 x 5   | 67          |
|                                                                                                                 | 550.160.5 SOE | 160 x 5   | 28          |
|                                                                                                                 | 550.200.3 SOE | 200 x 3   | 20          |
|                                                                                                                 | 550.200.5 SOE | 200 x 5   | 20          |
|                                                                                                                 | 550.200.6 SOE | 200 x 6   | 20          |
|                                                                                                                 | 550.250.3 SOE | 250 x 3   | 12          |
|                                                                                                                 | 550.250.5 SOE | 250 x 5   | 12          |
|                                                                                                                 | 550.250.6 SOE | 250 x 6   | 12          |
|                                                                                                                 | 550.315.3 SOE | 315 x 3   | 6           |
|                                                                                                                 | 550.315.5 SOE | 315 x 5   | 6           |
|                                                                                                                 | 550.315.6 SOE | 315 x 6   | 6           |
|                                                                                                                 | 550.400.3 SOE | 400 x 3   | 6           |
|                                                                                                                 | 550.400.5 SOE | 400 x 5   | 6           |
|                                                                                                                 | 550.400.6 SOE | 400 x 6   | 6           |
|                                                                                                                 | 550.500.3 SOE | 500 x 3   | 2           |
|                                                                                                                 | 550.500.5 SOE | 500 x 5   | 2           |
|                                                                                                                 | 550.500.6 SOE | 500 x 6   | 2           |

NOTES

Lined area for notes, divided by a diagonal blue background element.



**ENERGY & COMMUNICATIONS SYSTEMS**

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX VOLTA® PVC-U RIGID ELECTRICAL CONDUIT

IPLEX VOLTA® PVC-U RIGID ELECTRICAL CONDUIT - (GREY): ABOVE GROUND APPLICATIONS (TO AS/NZS 61386.21)

|  | Nominal Diameter (mm) | Order Code           | **Duty Classification | # Joint Type      | Mean Outside Diameter (mm) | Minimum Internal Diameter (mm) | Bundle Qty |
|-----------------------------------------------------------------------------------|-----------------------|----------------------|-----------------------|-------------------|----------------------------|--------------------------------|------------|
|                                                                                   | 20                    | IPLEXVOLTA.20HD.GY.4 | HD4431                | Spigot/Socket SCJ | 19.9                       | 16.2                           | 1560/10    |
|                                                                                   | 25                    | IPLEXVOLTA.25HD.GY.4 | HD4431                | Spigot/Socket SCJ | 24.9                       | 20.5                           | 1100/10    |
|                                                                                   | 32                    | IPLEXVOLTA.32HD.GY.4 | HD4431                | Spigot/Socket SCJ | 31.9                       | 27.0                           | 640/10     |
|                                                                                   | 40                    | IPLEXVOLTA.40HD.GY.4 | HD4431                | Spigot/Socket SCJ | 39.9                       | 34.3                           | 420/10     |
|                                                                                   | 50                    | IPLEXVOLTA.50HD.GY.4 | HD4431                | Spigot/Socket SCJ | 49.9                       | 43.5                           | 280/5      |

IPLEX VOLTA® PVC-U RIGID ELECTRICAL CONDUIT - (ORANGE): BELOW GROUND APPLICATIONS (TO AS/NZS 61386.21)

|  | Nominal Diameter (mm) | Order Code           | **Duty Classification | # Joint Type      | Mean Outside Diameter (mm) | Minimum Internal Diameter (mm) | Bundle Qty |
|-------------------------------------------------------------------------------------|-----------------------|----------------------|-----------------------|-------------------|----------------------------|--------------------------------|------------|
|                                                                                     | 20                    | IPLEXVOLTA.20HD.OR.4 | HD4431                | Spigot/Socket SCJ | 19.9                       | 16.2                           | 1560/10    |
|                                                                                     | 25                    | IPLEXVOLTA.25HD.OR.4 | HD4431                | Spigot/Socket SCJ | 24.9                       | 20.5                           | 1100/10    |
|                                                                                     | 32                    | IPLEXVOLTA.32HD.OR.4 | HD4431                | Spigot/Socket SCJ | 31.9                       | 27.0                           | 640/10     |
|                                                                                     | 40                    | IPLEXVOLTA.40HD.OR.4 | HD4431                | Spigot/Socket SCJ | 39.9                       | 34.3                           | 420/10     |
|                                                                                     | 50                    | IPLEXVOLTA.50HD.OR.4 | HD4431                | Spigot/Socket SCJ | 49.9                       | 43.5                           | 280/5      |

#### IPLEX VOLTA® PVC-U RIGID ELECTRICAL DUCT

IPLEX VOLTA® PVC-U RIGID ELECTRICAL DUCT - (ORANGE): BELOW GROUND APPLICATIONS (TO AS/NZS 61386.21)

|  | Nominal Diameter (mm) | Order Code             | **Duty Classification | # Joint Type      | Mean Outside Diameter (mm) | Minimum Internal Diameter (mm) | Stiffness Class (SN) | Bundle Qty |
|-------------------------------------------------------------------------------------|-----------------------|------------------------|-----------------------|-------------------|----------------------------|--------------------------------|----------------------|------------|
|                                                                                     | 80                    | IPLEXVOLTA.80MD.OR.6   | MD3331                | Spigot/Socket SCJ | 82.5                       | 77.1                           | n/a                  | 88/1       |
|                                                                                     | 80                    | IPLEXVOLTA.80HD.OR.6   | HD4431                | Spigot/Socket SCJ | 82.5                       | 75.3                           | n/a                  | 88/1       |
|                                                                                     | 100                   | IPLEXVOLTA.100MD.OR.6  | MD3331                | Spigot/Socket SCJ | 110.2                      | 103.2                          | 4                    | 67/1       |
|                                                                                     | 100                   | IPLEXVOLTA.100HD.OR.6  | HD4431                | Spigot/Socket SCJ | 110.2                      | 102.0                          | 10                   | 67/1       |
|                                                                                     | 100                   | IPLEXVOLTA.100VHD.OR.6 | VHD5531               | Spigot/Socket SCJ | 110.2                      | 96.0                           | 25                   | 67/1       |
|                                                                                     | 150                   | IPLEXVOLTA.150MD.OR.6  | MD3331                | Spigot/Socket SCJ | 160.3                      | 150.4                          | 4                    | 28/1       |
|                                                                                     | 150                   | IPLEXVOLTA.150HD.OR.6  | HD4431                | Spigot/Socket SCJ | 160.3                      | 148.8                          | 10                   | 28/1       |
|                                                                                     | 150                   | IPLEXVOLTA.150VHD.OR.6 | VHD5531               | Spigot/Socket SCJ | 160.3                      | 141.4                          | 25                   | 28/1       |
|                                                                                     | 200                   | IPLEXVOLTA.200HD.OR.6  | HD4431                | Spigot/Socket SCJ | 225.3                      | 210.3                          | 10                   | 15/1       |

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX® 2700 SERIES PVC-U RIGID ELECTRICAL DUCT

2700 SERIES PVC-U RIGID ELECTRICAL DUCT - (ORANGE): BELOW GROUND APPLICATIONS (TO AS/NZS 2053.2)

|  | Nominal Diameter (mm) | Order Code    | **Duty Classification | # Joint Type      | Mean Outside Diameter (mm) | Minimum Internal Diameter (mm) | Stiffness Rating (SN) | Bundle Qty |
|-----------------------------------------------------------------------------------|-----------------------|---------------|-----------------------|-------------------|----------------------------|--------------------------------|-----------------------|------------|
|                                                                                   | 32**                  | 2700.32.6 SOE | N/A                   | Spigot/Socket SCJ | 36.4                       | 31.6                           | N/A                   | 240/10     |
|                                                                                   | 40**                  | 2700.40.6 SOE | N/A                   | Spigot/Socket SCJ | 42.9                       | 37.6                           | N/A                   | 180/10     |
|                                                                                   | 50**                  | 2700.50.6 SOE | N/A                   | Spigot/Socket SCJ | 55.8                       | 50.5                           | N/A                   | 150/5      |
|                                                                                   | 65**                  | 2700.65.6 SOE | N/A                   | Spigot/Socket SCJ | 68.8                       | 62.5                           | N/A                   | 102/1      |

\*\*Nominal diameter 32mm, 40mm, 50mm and 65mm PVC-U ducts coloured orange are manufactured to the OD and wall thickness dimensions of AS/NZS 1260

#### IPLEX® PVC-U ELECTRICAL BENDS (ORANGE)

|                                                                                     |                 | Order Code      | Size (mm/°)          |
|-------------------------------------------------------------------------------------|-----------------|-----------------|----------------------|
|  | 2703.50.45R250  | 2703.50.45      | 50 x 45°             |
|                                                                                     |                 | 2703.50.90      | 50 x 90°             |
|  | 2703.50.90R250  | 2703.80.45      | 80 x 45°             |
|                                                                                     |                 | 2703.80.90      | 80 x 90°             |
|  | 2703.100.45R250 | 2703.100.45R250 | 100 x 45° ROC* 250mm |
|                                                                                     |                 | 2703.100.90R250 | 100 x 90° ROC* 250mm |
|  | 2703.100.90R250 | 2703.100.90R900 | 100 x 90° ROC* 900mm |

\*ROC = Radius of Curvature

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX® PE FLEXIBLE ELECTRICAL DUCT - COILS

##### IPLEX PE FLEXIBLE ELECTRICAL DUCT- FREE STANDING COIL

###### Free Standing Coil



*Iplex strongly recommends that mechanical straightening and mechanical re-rounding equipment be used when installing coiled DN 125, 140 and 160 PE duct.*

| OD (mm) | Order Code                  | Colour | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (kN) |
|---------|-----------------------------|--------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
| 32      | Cableduct OR 32/25.200      | Orange | 200m        | 11         | 32.1                       | 3.2                      | 2.2                                  |
| 32      | Cableduct OR 32/25.500      | Orange | 500m        | 11         | 32.1                       | 3.2                      | 2.2                                  |
| 32      | Cableduct OR 32/28.200      | Orange | 200m        | 17         | 32.1                       | 2.0                      | 1.5                                  |
| 32      | Cableduct OR 32/28.500      | Orange | 500m        | 17         | 32.1                       | 2.0                      | 1.5                                  |
| 32      | Cableduct OR 32/27.200      | Orange | 200m        | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
| 40      | Cableduct OR 40/35.100      | Orange | 100m        | 17         | 40.2                       | 2.4                      | 2.3                                  |
| 40      | Cableduct OR 40/35.200      | Orange | 200m        | 17         | 40.2                       | 2.4                      | 2.3                                  |
| 50      | Cableduct OR 50/44.100      | Orange | 100m        | 17         | 50.3                       | 3.2                      | 3.5                                  |
| 50      | Cableduct OR 50/42.100      | Orange | 100m        | 13.6       | 50.3                       | 3.7                      | 4.3                                  |
| 50      | Cableduct OR 50/44.200      | Orange | 200m        | 17         | 50.3                       | 3.2                      | 3.5                                  |
| 50      | Cableduct OR 50/42.200      | Orange | 200m        | 13.6       | 50.3                       | 3.9                      | 4.5                                  |
| 63      | Cableduct OR 63/55.100      | Orange | 100m        | 17         | 63.3                       | 4.0                      | 5.5                                  |
| 63      | Cableduct OR 63/53.100      | Orange | 100m        | 13.6       | 63.3                       | 5.0                      | 6.8                                  |
| 63      | Cableduct OR 63/55.150      | Orange | 150m        | 17         | 63.3                       | 4.0                      | 5.5                                  |
| 90      | Cableduct OR 90/79.50       | Orange | 50m         | 17         | 90.5                       | 5.8                      | 11.3                                 |
| 90      | Cableduct OR 90/79.100      | Orange | 100m        | 17         | 90.5                       | 5.8                      | 11.3                                 |
| 110     | Cableduct OR 110/97.50      | Orange | 50m         | 17         | 110.5                      | 7.0                      | 16.8                                 |
| 110     | Cableduct OR 110/97.100     | Orange | 100m        | 17         | 110.5                      | 7.0                      | 16.8                                 |
| 125     | Cableduct OR 125/110.100    | Orange | 100m        | 17         | 125.5                      | 7.8                      | 21.7                                 |
| 140     | Cableduct OR 140/123.100 CX | Orange | 100m        | 17         | 140.6                      | 8.8                      | 27.3                                 |
| 160     | Cableduct 160/140.100 CXOR  | Orange | 100m        | 17         | 160.4                      | 10.0                     | 35.6                                 |

##### IPLEX PE FLEXIBLE ELECTRICAL DUCT - DRUM COIL

###### Drum Coil



| OD (mm) | Order Code                 | Colour | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (kN) |
|---------|----------------------------|--------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
| 50      | Cableduct 50/44.800 CXOR   | Orange | 800m        | 17         | 50.3                       | 3.2                      | 3.5                                  |
| 50      | Cableduct 50/44.2000 CXOR  | Orange | 2000m       | 17         | 50.3                       | 3.2                      | 3.5                                  |
| 110     | Cableduct 110/97.340 CXOR  | Orange | 340m        | 17         | 110.5                      | 7.0                      | 16.8                                 |
| 110     | Cableduct 110/97.400 CXOR  | Orange | 400m        | 17         | 110.5                      | 7.0                      | 16.8                                 |
| 110     | Cableduct 110/97.600 CXOR  | Orange | 600m        | 17         | 110.5                      | 7.0                      | 16.8                                 |
| 140     | Cableduct 140/123.340 CXOR | Orange | 340m        | 17         | 140.6                      | 8.8                      | 27.3                                 |
| 160     | Cableduct 160/140.190 CXOR | Orange | 190m        | 17         | 160.4                      | 10.0                     | 37.3                                 |

#### IPLEX® PE FLEXIBLE ELECTRICAL DUCT - STRAIGHT LENGTHS

##### IPLEX PE FLEXIBLE ELECTRICAL DUCT

###### STRAIGHT LENGTHS



| OD (mm) | Order Code                | Colour | Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (kN) |
|---------|---------------------------|--------|--------|------------|----------------------------|--------------------------|--------------------------------------|
| 110     | Cableduct 110/97.15 CXOR  | Orange | 15m    | 17         | 110.5                      | 7.0                      | 16.8                                 |
| 140     | Cableduct 140/123.15 CXOR | Orange | 15m    | 17         | 140.6                      | 8.8                      | 27.3                                 |
| 160     | Cableduct 160/140.15 CXOR | Orange | 15m    | 17         | 160.4                      | 10.0                     | 37.3                                 |
| 160     | Cableduct 160/140.15 CXOR | Orange | 15m    | 17         | 160.4                      | 10.0                     | 37.3                                 |

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

## IPLEX® PVC-U RIGID COMMUNICATIONS DUCT

### CHORUS BRANDED PVC-U RIGID COMMUNICATIONS DUCT

|  | Nominal Diameter (mm) | Order Code | Colour  | Duty Classification | Stiffness Class | #Joint Type       | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Bundle/ Pack QTY |
|-----------------------------------------------------------------------------------|-----------------------|------------|---------|---------------------|-----------------|-------------------|----------------------------|--------------------------|------------------|
|                                                                                   | 20mm x 6m             | 10012937   | ● Green | N/A                 | N/A             | Spigot/Socket SCJ | 26.7                       | 1.9                      | 150              |
|                                                                                   | 20mm x 6m             | 10013281   | ● White | N/A                 | N/A             | Spigot/Socket SCJ | 26.7                       | 2.1                      | 150              |
|                                                                                   | 50mm x 6m             | P4001      | ● Green | N/A                 | N/A             | Rubber Ring Joint | 60.3                       | 2.6                      | 123              |
|                                                                                   | 100mm x 6m            | P4000      | ● Green | SN6                 | N/A             | Rubber Ring Joint | 110.2                      | 3.6                      | 67               |

### CHORUS BRANDED PVC-U REPAIR SLEEVE FOR COMMUNICATIONS DUCT

|  | Nominal Diameter (mm) | Order Code | Colour  | Duty Classification | Stiffness Class | #Joint Type    | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Bundle/ Pack QTY |
|-----------------------------------------------------------------------------------|-----------------------|------------|---------|---------------------|-----------------|----------------|----------------------------|--------------------------|------------------|
|                                                                                   | 50mm x 2m             | 10013103   | ● Green | N/A                 | N/A             | Plain End, SCJ | 65.6                       | 2.6                      | 1                |
|                                                                                   | 100mm x 2m            | 10013102   | ● Green | N/A                 | N/A             | Plain End, SCJ | 117.3                      | 3.6                      | 1                |

### NON-CHORUS BRANDED PVC-U RIGID COMMUNICATIONS DUCT (GREEN)

|  | Nominal Diameter (mm) | Order Code                | Colour  | Duty Classification | Stiffness Class | #Joint Type       | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Bundle /Pack QTY |
|-------------------------------------------------------------------------------------|-----------------------|---------------------------|---------|---------------------|-----------------|-------------------|----------------------------|--------------------------|------------------|
|                                                                                     | 20mm x 6m             | CD80020                   | ● White | N/A                 | N/A             | Spigot/Socket SCJ | 26.7                       | 1.7                      | 150              |
|                                                                                     | 100mm x 6m            | 2780.100MD.6 SOE          | ● Green | MD                  | SN4             | Spigot/Socket SCJ | 110.2                      | 3.1                      | 67               |
|                                                                                     | 100mm x 6m            | 2780.100.6RRJNPGREEN      | ● Green | N/A                 | N/A             | Spigot/Socket SCJ | 110.2                      | 3.6                      | 67               |
|                                                                                     | 150mm x 6m            | 2780.150MD.6 SOE          | ● Green | MD                  | SN4             | Spigot/Socket SCJ | 160.3                      | 4.5                      | 28               |
|                                                                                     | 100mm x 6m            | COMMSDUCT.100SN10.HD.GR.6 | ● Green | HD                  | SN10            | Spigot/Socket SCJ | 110.2                      | 3.8                      | 67               |
|                                                                                     | 150mm x 6m            | COMMSDUCT.150SN10.HD.GR.6 | ● Green | HD                  | SN10            | Spigot/Socket SCJ | 160.3                      | 5.3                      | 28               |
|                                                                                     |                       |                           |         |                     |                 |                   |                            |                          |                  |
|                                                                                     |                       |                           |         |                     |                 |                   |                            |                          |                  |

### NON-CHORUS BRANDED PVC-U RIGID COMMUNICATIONS DUCT (RED)

|  | Nominal Diameter (mm) | Order Code                 | Colour | Duty Classification | Stiffness Class | #Joint Type       | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Pack Qty |
|-------------------------------------------------------------------------------------|-----------------------|----------------------------|--------|---------------------|-----------------|-------------------|----------------------------|--------------------------|----------|
|                                                                                     | 50mm x 6m             | 2730.50.6 SOE              | ● Red  | N/A                 | N/A             | Spigot/Socket SCJ | 55.8                       | 2.4                      | 150      |
|                                                                                     | 100mm x 6m            | 2730.100MD.6 SOE           | ● Red  | MD                  | SN4             | Spigot/Socket SCJ | 110.2                      | 3.1                      | 67       |
|                                                                                     | 100mm x 6m            | COMMSDUCT.100SN10.HD.RED.6 | ● Red  | HD                  | SN10            | Spigot/Socket SCJ | 110.2                      | 3.8                      | 67       |

### IPLEX PVC-U RIGID COMMUNICATIONS DUCT (SALMON OR SALMON PINK)

|  | Nominal Diameter (mm) | Order Code                 | Colour        | Duty Classification | Stiffness Class | #Joint Type       | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Pack Qty |
|-------------------------------------------------------------------------------------|-----------------------|----------------------------|---------------|---------------------|-----------------|-------------------|----------------------------|--------------------------|----------|
|                                                                                     | 50mm x 6m             | COMMSDUCT.50.SAP.6         | ● Salmon Pink | N/A                 | N/A             | Spigot/Socket SCJ | 55.8                       | 2.4                      | 150      |
|                                                                                     | 50mm x 6m             | 2720.50.6 SOE              | ● Salmon      | N/A                 | N/A             | Spigot/Socket SCJ | 55.8                       | 2.4                      | 150      |
|                                                                                     | 100mm x 6m            | 2720.100MD.6 SOE           | ● Salmon      | MD                  | SN4             | Spigot/Socket SCJ | 110.2                      | 3.1                      | 67       |
|                                                                                     | 100mm x 6m            | COMMSDUCT.100SN10.HD.SA.6  | ● Salmon      | HD                  | SN10            | Spigot/Socket SCJ | 110.2                      | 3.8                      | 67       |
|                                                                                     | 150mm x 6m            | COMMSDUCT.150SN10.HD.SA.6  | ● Salmon      | HD                  | SN10            | Spigot/Socket SCJ | 160.3                      | 5.3                      | 28       |
|                                                                                     | 100mm x 6m            | COMMSDUCT.100SN10.HD.SAP.6 | ● Salmon Pink | HD                  | SN10            | Spigot/Socket SCJ | 110.2                      | 3.8                      | 67       |

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX® PVC-U RIGID COMMUNICATIONS DUCT

##### VODAFONE/TELSTRACLEAR BRANDED PVC-U RIGID COMMUNICATIONS DUCT

|  | Nominal Diameter (mm) | Order Code     | Colour       | Duty Classification | Stiffness Class | #Joint Type       | Mean Outside Diameter (mm) | Wall Thickness (mm) | Pack Qty |
|-----------------------------------------------------------------------------------|-----------------------|----------------|--------------|---------------------|-----------------|-------------------|----------------------------|---------------------|----------|
|                                                                                   | 50                    | CLEAR 50C SOE  | ● Clear Blue | N/A                 | N/A             | Spigot/Socket SCJ | 60.3                       | 2.6                 | 123      |
|                                                                                   | 100                   | TCSN6100.6 SOE | ● Clear Blue | N/A                 | SN6             | Spigot/Socket SCJ | 110.2                      | 3.2                 | 67       |
|                                                                                   | 50                    | TC50.6 SOE     | ● Lilac      | N/A                 | N/A             | Spigot/Socket SCJ | 55.8                       | 2.6                 | 150      |
|                                                                                   | 80                    | TC80.6 SOE     | ● Lilac      | N/A                 | N/A             | Spigot/Socket SCJ | 82.6                       | 3.0                 | 88       |

#### IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

##### IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (SALMON)

|  | Nominal Diameter (mm) | Order Code                | Colour   | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (KN) |
|------------------------------------------------------------------------------------|-----------------------|---------------------------|----------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
|                                                                                    | 25mm                  | Cableduct SA 25/22100     | ● Salmon | 100m        | 17         | 25.1                       | 1.7                      | 1.0                                  |
|                                                                                    | 32mm                  | Cableduct SA 32/25.500    | ● Salmon | 500m        | 11         | 32.1                       | 3.2                      | 2.2                                  |
|                                                                                    | 63mm                  | Cableduct SA 63/55.100    | ● Salmon | 100m        | 17         | 63.3                       | 4.0                      | 5.5                                  |
|                                                                                    | 110mm                 | Cableduct SA 110/97.100   | ● Salmon | 100m        | 17         | 110.5                      | 7.0                      | 16.8                                 |
|                                                                                    | 110mm                 | Cableduct SA 110/97.340** | ● Salmon | 340m        | 17         | 110.5                      | 7.0                      | 16.8                                 |

\*\* Supplied as a Drum Coil

##### IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (RED)

|  | Nominal Diameter (mm) | Order Code                 | Colour | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (KN) |
|-------------------------------------------------------------------------------------|-----------------------|----------------------------|--------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
|                                                                                     | 25mm                  | COMMSDUCT Red 25/20.200    | ● Red  | 200m        | 11         | 25.1                       | 2.5                      | 1.3                                  |
|                                                                                     | 25mm                  | COMMSDUCT Red 25/20.500    | ● Red  | 500m        | 11         | 25.1                       | 2.5                      | 1.3                                  |
|                                                                                     | 32mm                  | COMMSDUCT Red 32/25.500    | ● Red  | 500m        | 11         | 32.1                       | 3.2                      | 2.2                                  |
|                                                                                     | 32mm                  | COMMSDUCT Red 32/27.200    | ● Red  | 200m        | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                     | 50mm                  | COMMSDUCT Red 50/44.100    | ● Red  | 100m        | 17         | 50.2                       | 3.2                      | 3.5                                  |
|                                                                                     | 63mm                  | Cableduct Red 63/55.100    | ● Red  | 100m        | 17         | 63.3                       | 4.0                      | 5.5                                  |
|                                                                                     | 110mm                 | Cableduct Red 110/97.100   | ● Red  | 100m        | 17         | 110.5                      | 7.0                      | 16.8                                 |
|                                                                                     | 110mm                 | Cableduct Red 110/97.340** | ● Red  | 340m        | 17         | 110.5                      | 7.0                      | 16.8                                 |

\*\* Supplied as a Drum Coil

##### IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (COLOUR RAL 3015 - LIGHT PINK)

|  | Nominal Diameter (mm) | Order Code              | Colour       | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (KN) |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------|--------------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
|                                                                                     | 32mm                  | COMMSDUCT SAP 32/28.600 | ● Light Pink | 600m        | 17         | 32.1                       | 2.0                      | 1.5                                  |
|                                                                                     | 63mm                  | Cableduct SAP 63/55.100 | ● Light Pink | 100m        | 17         | 63.3                       | 4.0                      | 5.5                                  |

## SECTION 7

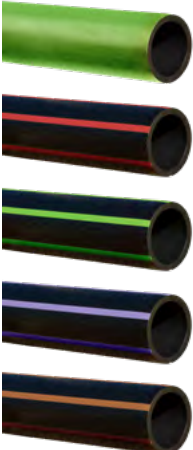
### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

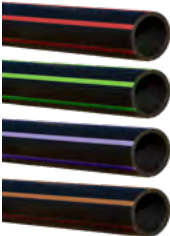
##### IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (BLACK/WHITE STRIPES)

|  | Nominal Diameter (mm) | Order Code               | Colour                 | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (KN) |
|-----------------------------------------------------------------------------------|-----------------------|--------------------------|------------------------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
|                                                                                   | 32mm                  | Cable Duct 32/27.200 WTS | ● Black /White stripes | 200m        | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                   | 32mm                  | Cable Duct 32/27.500 WTS | ● Black /White stripes | 500m        | 13.6       | 32.1                       | 2.6                      | 1.8                                  |

##### CHORUS BRANDED PE FLEXIBLE COMMUNICATIONS DUCT

|  | Size | Order Code  | Colour                      | SDR Rating | Coil Length | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (KN) |
|------------------------------------------------------------------------------------|------|-------------|-----------------------------|------------|-------------|----------------------------|--------------------------|--------------------------------------|
|                                                                                    | 20mm | 20021792    | ● Green                     | 11         | 100         | 20.1                       | 2.1                      | 0.8                                  |
|                                                                                    | 20mm | 20021793    | ● Green                     | 11         | 200         | 20.1                       | 2.1                      | 0.8                                  |
|                                                                                    | 32mm | 10012829    | ● Black with red stripes    | 13.6       | 1000        | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                    | 32mm | 10012829500 | ● Black with red stripes    | 13.6       | 500         | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                    | 32mm | 10012830    | ● Black with green stripes  | 13.6       | 1000        | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                    | 32mm | 10012830500 | ● Black with green stripes  | 13.6       | 500         | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                    | 32mm | 10012831    | ● Black with violet stripes | 13.6       | 1000        | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                    | 32mm | 10012831500 | ● Black with violet stripes | 13.6       | 500         | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                    | 32mm | 10012832    | ● Black with brown stripes  | 13.6       | 1000        | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                    | 32mm | 10012832500 | ● Black with brown stripes  | 13.6       | 500         | 32.1                       | 2.6                      | 1.8                                  |

##### NON - CHORUS BRANDED PE FLEXIBLE COMMUNICATIONS DUCT

|  | Nominal Diameter (mm) | Order Code               | Colour                          | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (KN) |
|-------------------------------------------------------------------------------------|-----------------------|--------------------------|---------------------------------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
|                                                                                     | 32mm                  | COMMSDUCT.32/27.1000RMS  | ● Black with red multistripe    | 1000m       | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                     | 32mm                  | COMMSDUCT.32/27.1000GMS  | ● Black with green multistripe  | 1000m       | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                     | 32mm                  | COMMSDUCT.32/27.1000LMS  | ● Black with violet multistripe | 1000m       | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
|                                                                                     | 32mm                  | COMMSDUCT.32/27.1000BRMS | ● Black with brown multistripe  | 1000m       | 13.6       | 32.1                       | 2.6                      | 1.8                                  |

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

##### NON-CHORUS PE FLEXIBLE COMMUNICATIONS DUCT



| OD (mm) | Order Code            | Colour       | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (KN) |
|---------|-----------------------|--------------|-------------|------------|----------------------------|--------------------------|--------------------------------------|
| 32      | Teleduct PE32/25.100  | ● Lime Green | 100m        | 11         | 32.1                       | 3.2                      | 2.2                                  |
| 32      | Teleduct PE32/25.200  | ● Lime Green | 200m        | 11         | 32.1                       | 3.2                      | 2.2                                  |
| 32      | Teleduct PE32/25.500  | ● Lime Green | 500m        | 11         | 32.1                       | 3.2                      | 2.2                                  |
| 32      | Teleduct PE32/27.200  | ● Lime Green | 100m        | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
| 32      | Teleduct PE32/27.500  | ● Lime Green | 500m        | 13.6       | 32.1                       | 2.6                      | 1.8                                  |
| 32      | Teleduct PE32/28.200  | ● Lime Green | 200m        | 17         | 32.1                       | 2.0                      | 1.5                                  |
| 32      | Teleduct PE32/28.500  | ● Lime Green | 500m        | 17         | 32.1                       | 2.0                      | 1.5                                  |
| 40      | Teleduct PE40/35.200  | ● Lime Green | 200m        | 17         | 40.1                       | 2.6                      | 2.3                                  |
| 40      | Teleduct PE40/35.300  | ● Lime Green | 300m        | 17         | 40.1                       | 2.6                      | 2.3                                  |
| 50      | Teleduct PE50/44.100  | ● Lime Green | 100m        | 17         | 50.2                       | 3.2                      | 3.5                                  |
| 63      | Teleduct PE63/55.50   | ● Lime Green | 50m         | 17         | 63.3                       | 4.0                      | 5.5                                  |
| 63      | Teleduct PE63/55.100  | ● Lime Green | 100m        | 17         | 63.3                       | 4.0                      | 5.5                                  |
| 63      | Teleduct PE63/55.150  | ● Lime Green | 150m        | 17         | 63.3                       | 4.0                      | 5.5                                  |
| 110     | Teleduct PE110/97.50  | ● Lime Green | 50m         | 17         | 110.5                      | 7.0                      | 17.8                                 |
| 110     | Teleduct PE110/97.100 | ● Lime Green | 100m        | 17         | 110.5                      | 7.0                      | 17.8                                 |

## SECTION 7

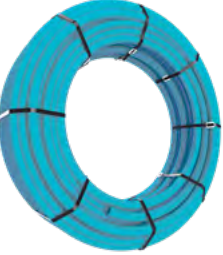
### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

##### SPARK BRANDED PE FLEXIBLE COMMUNICATIONS DUCT (COLOUR: PINK RAL4010)

|  | OD (mm) | Order Code             | Colour    | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Internal Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (kN) |
|-----------------------------------------------------------------------------------|---------|------------------------|-----------|-------------|------------|----------------------------|-----------------------------|--------------------------|--------------------------------------|
|                                                                                   | 110     | SPARK DUCT PE110/97100 | ● Magenta | 100m        | 17         | 110.5                      | 96.5                        | 7.0                      | 5.5                                  |

##### VODAFONE/TELSTRACLEAR BRANDED PE FLEXIBLE COMMUNICATIONS DUCT

|  | OD (mm) | Order Code      | Colour       | Coil Length | SDR Rating | Mean Outside Diameter (mm) | Mean Internal Diameter (mm) | Mean Wall Thickness (mm) | Maximum safe axial pulling load (kN) |
|------------------------------------------------------------------------------------|---------|-----------------|--------------|-------------|------------|----------------------------|-----------------------------|--------------------------|--------------------------------------|
|                                                                                    | 110     | CLEAR 110/97100 | ● Light Blue | 100m        | 17         | 110.5                      | 96.5                        | 7.0                      | 17.8                                 |
|                                                                                    | 110     | CLEAR 110/97340 | ● Light Blue | 340m##      | 17         | 110.5                      | 96.5                        | 7.0                      | 17.8                                 |

## Drum coil

#### IPLEX® PVC-U COMMUNICATIONS BENDS & FITTINGS

##### CHORUS BRANDED PVC-U COMMUNICATIONS BENDS

|                       |  | Size                 | Order Code | Colour  | Pack Qty |
|-----------------------|-------------------------------------------------------------------------------------|----------------------|------------|---------|----------|
|                       |                                                                                     |                      |            |         |          |
| 20mm Formed Bend F&F  |  | 20mm x 90° ROC* 240  | 10012582   | ● Green | 1        |
|                       |                                                                                     | 20mm x 90° ROC* 400  | 10013280   | ● Green | 1        |
|                       |                                                                                     | 20mm x 90° ROC* 530  | 10012939   | ● Green | 1        |
|                       |                                                                                     | 20mm x 90° ROC* 100  | 10013279   | ● White | 1        |
|                       |                                                                                     | 20mm x 90° ROC* 300  | 10012940   | ● White | 1        |
| 50mm Formed Bend M&F  |  | 50mm x 30° ROC* 350  | 10013084   | ● Green | 1        |
|                       |                                                                                     | 50mm x 45° ROC* 200  | 10013087   | ● Green | 1        |
|                       |                                                                                     | 50mm x 45° ROC* 350  | 10013086   | ● Green | 1        |
|                       |                                                                                     | 50mm x 45° ROC* 900  | 10013100   | ● Green | 1        |
|                       |                                                                                     | 50mm x 90° ROC* 350  | 10013088   | ● Green | 1        |
|                       |                                                                                     | 50mm x 90° ROC* 900  | 10013099   | ● Green | 1        |
| 100mm Formed Bend M&F |  | 100mm x 22° ROC* 900 | 10013098   | ● Green | 1        |
|                       |                                                                                     | 100mm x 30° ROC* 300 | 10013091   | ● Green | 1        |
|                       |                                                                                     | 100mm x 45° ROC* 300 | 10013093   | ● Green | 1        |
|                       |                                                                                     | 100mm x 90° ROC* 350 | 10011337** | ● Green | 1        |
|                       |                                                                                     | 100mm x 90° ROC* 400 | 10013095   | ● Green | 1        |
|                       |                                                                                     | 100mm x 90° ROC* 900 | 10013094   | ● Green | 1        |
|                       |                                                                                     | 100mm x 90° ROC* 601 | 10013096   | ● Green | 1        |

\*ROC = Radius of Curvature

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

## IPLEX®

### PVC-U COMMUNICATIONS BENDS & FITTINGS

#### CHORUS BRANDED PVC-U COMMUNICATIONS FITTINGS

|                 |                                                                                   | Size        | Order Code | Colour  | Pack Qty |
|-----------------|-----------------------------------------------------------------------------------|-------------|------------|---------|----------|
|                 |  | 50mm        | 10013109   | ● Green | 1        |
| Reducing Saddle |  | 50mm x 20mm | 10012938   | ● Green | 1        |
| Dust Cap        |  | 50mm        | P4004      | ● Black | 1        |
|                 |                                                                                   | 100mm       | P4005      | ● Black | 1        |

#### WHITE PVC-U COMMUNICATIONS BENDS

|  |                                                                                               | Size     | Order Code | Colour  | Pack Qty |
|--|-----------------------------------------------------------------------------------------------|----------|------------|---------|----------|
|  |  CD8032045  | 20 x 45° | CD8032045  | ● White | 1        |
|  |  CD8032090 | 20 x 90° | CD8032090  | ● White | 1        |

## PLASSON

### FITTINGS FOR PE COMMUNICATIONS DUCTS

#### PLASSON COMPRESSION COUPLINGS FOR PE COMMUNICATIONS DUCTS

|                        |                                                                                     | Size | Order Code | Colour  | End load restrained | Full pipe bore available |
|------------------------|-------------------------------------------------------------------------------------|------|------------|---------|---------------------|--------------------------|
| Plain Coupling         |  | 32   | 2510.32    | ● Black | Yes                 | Yes                      |
|                        |                                                                                     | 63   | 2510.63    | ● Black | Yes                 | Yes                      |
|                        |                                                                                     | 110  | 2510.110   | ● Black | Yes                 | Yes                      |
|                        |                                                                                     | 125  | 2510.125   | ● Black | Yes                 | Yes                      |
| Slip (Repair) Coupling |  | 32   | 2511.32    | ● Black | Yes                 | Yes                      |
|                        |                                                                                     | 63   | 2511.63    | ● Black | Yes                 | Yes                      |

## SECTION 7

### ENERGY & COMMUNICATIONS SYSTEMS

#### IPLEX POLIGAS® PE GAS PIPE-METRIC DIMENSION

##### IPLEX POLIGAS® PE GAS PIPE - METRIC (OD) DIMENSION

| Free Standing Coil<br><br><br>Straight Length<br> | Nominal Outside Diameter (mm) | Order Code        | Coil Length | Outside Diameter (mm) | Colour                      | SDR |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|-------------|-----------------------|-----------------------------|-----|
|                                                                                                                                                                                                                     | 25mm                          | 230.25SDR11.150   | 150m        | 25.1                  | ● Yellow                    | 11  |
|                                                                                                                                                                                                                     | 32mm                          | 230.32SDR11.150   | 150m        | 32.1                  | ● Yellow                    | 11  |
|                                                                                                                                                                                                                     | 63mm                          | 230.63SDR11.150   | 150m        | 63.3                  | ● Yellow                    | 11  |
|                                                                                                                                                                                                                     | 110mm**                       | 230.110SDR11.15BY | 15m         | 110.5                 | ● Black with Yellow Stripes | 7   |

Manufactured to AS/NZS 4130 Series 1

\*\* Straight lengths

#### IPLEX POLIGAS® PE GAS PIPE-IMPERIAL (NOMINAL ID) DIMENSION

##### PE GAS PIPE - IMPERIAL (NOMINAL ID) DIMENSION

| Free Standing Coil<br> | Nominal Internal Diameter (mm) | Order Code            | Coil Length | Outside Diameter (mm) | Colour   | SDR |
|-----------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------|-------------|-----------------------|----------|-----|
|                                                                                                           | 10mm                           | 200.10.150.9 IMP      | 150m        | 15.7 - 16.0           | ● Yellow | 9   |
|                                                                                                           | 15mm                           | 200.15.150.9 IMP SPL* | 150m        | 21.4 - 21.7           | ● Yellow | 9   |
|                                                                                                           | 20mm                           | 200.20.150.11 IMP     | 150m        | 26.6 - 26.9           | ● Yellow | 11  |
|                                                                                                           | 25mm                           | 200.25.150.11 IMP     | 150m        | 33.4 - 33.7           | ● Yellow | 11  |
|                                                                                                           | 32mm                           | 200.32.50.11 IMP      | 50m         | 88.7 - 89.2           | ● Yellow | 11  |
|                                                                                                           | 32mm                           | 200.32.150.11 IMP     | 150m        | 42.1 - 42.4           | ● Yellow | 11  |
|                                                                                                           | 50mm                           | 200.50.100.11 IMP     | 100m        | 60.2 - 60.5           | ● Yellow | 11  |
|                                                                                                           | 80mm                           | 200.80.100.11 IMP     | 100m        | 88.7 - 89.2           | ● Yellow | 11  |
|                                                                                                           | 100mm                          | 200.100.100.11 IMP    | 100m        | 114.1 - 114.7         | ● Yellow | 11  |

Manufactured to AS/NZS 4130 Series 3 (Nominal Internal Diameter Series)

\*This SDR not included in AS/NZS4130, but is fully mechanically compliant with AS/NZS4130

# SECTION 7

## ENERGY & COMMUNICATIONS SYSTEMS

### IPLEX POLIGAS® PE GAS PIPE

| <div>  <div>Drum Coil</div> </div> | Nominal Internal Diameter (mm) | Order Code         | Coil Length | Outside Diameter (mm) | Colour   | SDR |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------|-------------|-----------------------|----------|-----|
|                                                                                                                     | 100mm                          | 200.100.430.11 IMP | 430m        | 114.1 - 114.7         | ● Yellow | 11  |

Drum Coils may be available in other sizes subject to minimum order quantity. Contact Iplex NZ for availability.

| <div>  <div>Straight Lengths</div> </div> | Nominal Outside Diameter (mm) | Order Code         | Length | Outside Diameter (mm) | Colour   | SDR | Pack Qty |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------|--------|-----------------------|----------|-----|----------|
|                                                                                                                              | 32mm                          | 200.32.6.11 IMP*   | 6m     | 42.1 - 42.4           | ● Yellow | 11  | 5        |
|                                                                                                                              | 50mm                          | 200.50.6.11 IMP*   | 6m     | 60.2 - 60.5           | ● Yellow | 11  | 3        |
|                                                                                                                              | 80mm                          | 200.80.6.11 IMP*   | 6m     | 88.7 - 89.2           | ● Yellow | 11  | 1        |
|                                                                                                                              | 80mm                          | 200.80.12.11 IMP*  | 12m    | 88.7 - 89.2           | ● Yellow | 11  | 1        |
|                                                                                                                              | 100mm                         | 200.100.6.11 IMP*  | 6m     | 114.1 - 114.7         | ● Yellow | 11  | 1        |
|                                                                                                                              | 100mm                         | 200.100.12.11 IMP* | 12m    | 114.1 - 114.7         | ● Yellow | 11  | 1        |
|                                                                                                                              | 150mm                         | 200.150.12.11 IMP* | 12m    | 168.4                 | ● Yellow | 11  | 1        |

\* Manufactured to AS/NZS 4130 Series 3 (Nominal Internal Diameter Series)

## Manufactured to AS/NZS 4130 Series 1

NOTES



# JOINTING ACCESSORIES

## SECTION 8

### JOINTING ACCESSORIES FOR PIPES

#### NOVAKEY® PVC SOLVENT CEMENT (PRESSURE APPLICATIONS)

|                                                                                                                                                          | Order Code | Size (ml) | No. in box |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|------------|
|                                                                         | 9100.125P* | 125ml     | 10         |
|                                                                                                                                                          | 9100.250P* | 250ml     | 10         |
|                                                                                                                                                          | 9100.500P* | 500ml     | 10         |
|                                                                                                                                                          | 9100.4P    | 4 litres  | 4          |
| *Contains internal brush<br>Note: Iplex PVC Solvent Cement must always be used in conjunction with Iplex Cleaner Primer to achieve a good quality joint. |            |           |            |

solvent cement (blue)

#### NOVAKEY® PVC SOLVENT CEMENT (NON PRESSURE APPLICATIONS)

|                                                                                                                                                          | Order Code  | Size (ml) | No. in box |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|------------|
|                                                                       | 9100.125NP* | 125ml     | 10         |
|                                                                                                                                                          | 9100.250NP* | 250ml     | 10         |
|                                                                                                                                                          | 9100.500NP* | 500ml     | 10         |
|                                                                                                                                                          | 9100.4NP    | 4 litres  | 4          |
| *Contains internal brush<br>Note: Iplex PVC Solvent Cement must always be used in conjunction with Iplex Cleaner Primer to achieve a good quality joint. |             |           |            |

solvent cement (clear)

#### NOVALUBE™ PIPE JOINTING LUBRICANT (NON-POTABLE WATER)

|                                                                                                           | Order Code | Size (ml) | No. in box |
|-----------------------------------------------------------------------------------------------------------|------------|-----------|------------|
|                        | 9136.500   | 500ml     | 18         |
|                                                                                                           | 9136.2     | 2 litres  | 6          |
|                                                                                                           | 9136.4     | 4 litres  | 2          |
| Suitable for use on rubber ring joints in non-potable water pipelines, stormwater and sewer applications. |            |           |            |

pipe lubricant

## SECTION 8

### JOINTING ACCESSORIES FOR PIPES

#### MEDLUBE™ PIPE JOINTING LUBRICANT (POTABLE WATER)

|                                                                                   | Order Code                                                                                   | Size (g) | Type | No. in box |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------|------|------------|
|  | 9137.275                                                                                     | 275gm    | Tube | 38         |
|                                                                                   | 9137.500                                                                                     | 500gm    | Pot  | 12         |
|                                                                                   | 9137.2                                                                                       | 2kg      | Jug  | 6          |
|                                                                                   | 9137.4                                                                                       | 4kg      | Jug  | 4          |
| med lube                                                                          | Suitable for use on rubber ring joints in potable water pipelines and pressure applications. |          |      |            |

#### NOVAKEY® CLEANER PRIMER (CLEAR)

|                                                                                     | Order Code                                                                                                                                           | Size (ml) | No. in box |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
|  | 9101.250*                                                                                                                                            | 250ml     | 10         |
| cleaner primer (clear)                                                              | *Contains internal brush<br>Note: Iplex Cleaner Primer must always be used in conjunction with Iplex Solvent Cement to achieve a good quality joint. |           |            |

#### NOVAKEY® CLEANER PRIMER (PURPLE)

|                                                                                     | Order Code                                                                                                                                                                                                                       | Size (ml) | No. in box |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
|  | 9101C.500*                                                                                                                                                                                                                       | 500ml     | 10         |
| cleaner primer (purple)                                                             | *Contains internal brush<br>Note: The purple colour provides visual proof of use during the jointing process. Iplex Cleaner Primer must always be used in conjunction with Iplex Solvent Cement to achieve a good quality joint. |           |            |

## IPLEX® QUALITY MANAGEMENT SYSTEMS

### Quality Assurance

Supplying products of consistently high quality is at the forefront of what we do at Iplex®, and central to our customer promise that Iplex® product quality meets or exceeds standards claimed.

All Iplex® manufacturing plants operate under a strict ISO 9001 Quality Management System (QMS). External certifying bodies carry out regular audits to provide third-party certification of the Company's QMS. Continued third-party product certification of Iplex® plastic pipeline products to relevant Australian & New Zealand standards, is also provided by these bodies.

The Iplex® laboratory is an IANZ accredited facility, providing added assurance that any measurement and testing is carried out professionally and in a technically reliable manner in accordance with international standards.



| APPLICABLE STANDARD             | LICENCE TYPE       | LICENCE NUMBER                 | CONFORMITY ASSESSMENT BODY |
|---------------------------------|--------------------|--------------------------------|----------------------------|
| ISO 9001:2015                   | QMS Accreditation  | QEC4169                        | SAI Global                 |
| ISO/IEC 17025:2017              | IANZ Accreditation | ACCREDITATION NUMBER 61        | IANZ                       |
| BEST ENVIRONMENTAL PRACTICE-PVC | BEP-PVC            | BEP-PVC-0067                   | ApprovalMark International |
| AS/NZS 1254:2010                | StandardsMark™     | SMKP20126 & SMKP20180          | SAI Global                 |
| AS/NZS 1260:2017                | StandardsMark™     | SMKP20184, SMKP20185 & SMK1305 | SAI Global                 |
| AS/NZS 1260:2017                | WaterMark          | WM 74530                       | ApprovalMark International |
| AS/NZS 1477:2017                | StandardsMark™     | SMK02569 & SMKP20181           | SAI Global                 |
| AS/NZS 1477:2017                | WaterMark          | WM 74868                       | ApprovalMark International |
| AS/NZS 4130:2018                | StandardsMark™     | SMKP20400                      | SAI Global                 |
| AS/NZS 4130:2018                | ISO Type 5         | AMI 74891                      | ApprovalMark International |
| AS/NZS 4441:2017                | StandardsMark™     | SMKP20682                      | SAI Global                 |
| AS/NZS 4765:2017                | StandardsMark™     | SMK02570                       | SAI Global                 |
| AS/NZS 61386.21:2015            | S-Mark             | LIC 2901 & LIC 2910            | Bureau Veritas             |

## ABOUT IPLEX

### IPLEX® PIPELINES NZ THE COMPANY

Iplex® is one of New Zealand's leading manufacturers and suppliers of plastic pipeline systems. Iplex® provides products and services throughout New Zealand and to export markets around the Pacific and other international markets. Iplex® has manufacturing operations in Palmerston North, Christchurch and Ashburton, as well as access to the Iplex® Australian network.

Iplex® has been manufacturing plastic products since 1938 and in the early 1960's was a pioneer in the introduction of plastic pipeline systems into the New Zealand and Australian markets.

Iplex® services the following industry sectors:

**Civil:** Iplex® provides a wide range of solutions for wastewater, drainage and potable water pipeline projects. Manufacturing both PE (Polyethylene) & PVC (Polyvinylchloride) for both pressure and non-pressure (gravity fed) pipeline systems including civil infrastructure, drainage systems and roading systems.

**Rural:** Iplex® also service the rural market providing pipes and fittings for rural use. Iplex® provide systems for irrigation, stock water, land drainage, culverts and farm dairy effluent.

**Plumbing:** The Iplex® plumbing sector covers pipes and fittings used within the property boundary. This includes reticulation of potable and non-potable water, sanitary plumbing, wastewater, drainage and gas reticulation. Iplex® have the capabilities of supplying drain, waste and vent pipes and fittings, rainwater systems, traps and accessories.

**Energy and Communications:** an important sector for Iplex® NZ with a wide range of conduits, ducts and fittings available for new development and maintenance projects. The range covers electrical, communication and gas.



*Iplex® Pipelines manufacturing plant and distribution hub in Palmerston North, New Zealand.*



# BUILDING CODE - DURABILITY

## NEW ZEALAND BUILDING CODE - DURABILITY

The New Zealand Building Code places the responsibility on manufacturers to clearly state:

- a. the conditions for which products are or are not suitable;
- b. the durability and frequency of maintenance for the products' continued acceptable performance.

The Building Code categorises Durability in the following way:

### Clause B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

- a. The life of the building, being not less than 50 years, if:
  - i. Those building elements (including floors, walls, and fixings) provide structural stability to the building, or
  - ii. Those building elements are difficult to access or replace, or
  - iii. Failure of those building elements to comply with the Building Code would go undetected during both normal use and maintenance of the building.
- b. 15 years if those building elements, including exposed plumbing in the subfloor space, are moderately difficult to access or replace
- c. 5 years if the building elements, including services, are easy to access and replace.

Iplex® Pipelines have adopted the following clauses for products such as the pipe and fittings that we manufacture.

### Durability

The pipe or fitting will have a service life that is compatible with other pipe and fittings manufactured to the relevant AS/NZS Standard and any other recognised Standard if appropriate.

Thus correctly designed and installed drainage or pressure systems using Iplex® Pipelines' pipes or fittings will satisfy the performance requirements of both N.Z.B.C. Clause B2.3.1 (a) (50 years - services which are difficult to access or replace) and N.Z.B.C. Clause B2.3.1 (b) (15 years - services which are moderately difficult to access or replace).

Clauses (a) and (b) cover the majority of applications for products of our own manufacture, with the exception of rainwater pipes used above ground which satisfy the requirements of N.Z.B.C. Clause B 2.3 (c). (5 years - services which are easy to access and replace

## UNSUITABLE APPLICATIONS

### 1. Iplex® Pipelines PVC pressure pipes should not be used:

- i. As a conductor for earthing electrical appliances
- ii. With aromatic and chlorinated hydrocarbons, ketones, esters and ethers - refer to 'A guide to chemical resistance of thermoplastic and elastomeric materials' - available from Iplex® Pipelines
- iii. At continuous service temperature above 60°C (PVC-U) or 55°C (PVC-M) or 50°C (PVC-O)
- iv. Where provision for pressure derating has not been made above 25°C
- v. With any compressed air, or any gas applications
- vi. Without adequate support to the pipe both in above ground and below ground applications
- vii. Without adequate thrust support in above ground and below ground applications
- viii. Where depth of cover is less than:
  - 300mm where pipeline is not subject to vehicular loading
  - 450mm where pipeline is subject to vehicular loading not in roadways
  - 600mm where pipeline is subject to vehicular loading in sealed roadways
  - 750mm where pipeline is subject to vehicular loading in unsealed roadways
  - 750mm where pipeline is subject to construction equipment loading
- ix. Where working pressure + surge/cyclic pressure and dynamic pressure stresses exceed the nominated pressure/ performance rating, or exceed the dynamic stress (fatigue) performance capability of the pipe (POP -101)
- x. When exposed to direct sunlight for service applications, or storage exceeding 24 months from the date of manufacture, without protection. This protection in storage can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which may heat and damage the pipe. Weathering protection in service can include physical shading such as under bridges or structures, or pale coloured U.V. resistant, water based, paint systems
- xi. With any service connection directly tapped into the pipe wall

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## 2. Iplex® Pipelines polyethylene pressure pipes should not be used:

- i. As a conductor for earthing electrical appliances
- ii. All fire-rated applications
- iii. Transportation of automotive fuels
- iv. Transportation of drinking water in ground contaminated by automotive fuels, oils or synthetic hydrocarbons
- v. Coloured pipe or coloured stripe pipe (except black pipe) when exposed to direct sunlight for service applications, or storage exceeding 24 months from the date of manufacture, without protection. This protection in storage can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which will heat and damage the pipes. Protection in service can include physical shading such as location under bridges or structures, or pale coloured U.V. resistant, water based, paint systems
- vi. Continuous service above 40°C internal or external temperature.
- vii. Pressure pipes in continuous services up to 40°C internal or external temperature, where provision for pressure derating has not been made
- viii. Carrying chemicals outside the range advised by Iplex® Pipelines
- ix. Without adequate support to the pipe in above ground and below ground applications
- x. Where working pressure + surge/cyclic pressure and dynamic pressure stresses exceed the nominated pressure/ performance rating, or exceed the dynamic stress (fatigue) performance capability of the pipe (POP -010A) or fittings (POP -010B)
- xi. In below ground applications where depth of cover is less than:
  - 300mm where pipeline is not subject to vehicular loading
  - 450mm where pipeline is subject to vehicular loading not in roadways
  - 600mm where pipeline is subject to vehicular loading in sealed roadways
  - 750mm where pipeline is subject to vehicular loading in unsealed roadways
  - 750mm where pipeline is subject to construction equipment loading
- xii. In Slip Lining Applications using pressure grouting, where provision for internal structural support of the pipe by hydrostatic pressure has not been made.
- xiii. In Horizontal Directional Drilling applications where the maximum safe axial tensile load for the pipe, advised by Iplex® Pipelines, has been exceeded
- xiv. Plasson Series 1 mechanical fittings when exposed to direct sunlight

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## 3. Iplex® Pipelines PVC Drain, Waste & Vent pipes, should not be used:

- i. With aromatic and chlorinated hydrocarbons, ketones, esters and ethers
- ii. For any pumped pressure applications
- iii. At continuous service temperatures above 60°C or for intermittent discharges of liquid above 75°C
- iv. Without adequate support to the pipe in either, above ground or, below ground applications
- v. In below ground applications ( without added protection,) where depth of cover is less than:
  - 300mm where pipeline is not subject to vehicular loading
  - 450mm where pipeline is subject to vehicular loading not in roadways
  - 600mm where pipeline is subject to vehicular loading in sealed roadways
  - 750mm where pipeline is subject to vehicular loading in unsealed roadways
  - 750mm where pipeline is subject to construction equipment loading
- vi. when exposed to direct sunlight for service applications, or storage exceeding 24 months from the date of manufacture, without protection. In storage, this protection can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which will heat and damage the pipes. Protection in service can include physical shading such as under bridges or structures, or pale coloured U.V. resistant, water based, paint systems.

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## 4. Iplex® PVC and PE Electrical Conduits and Ducts and PVC or PE Communication Ducts should not be used:

- i. For any pressure or gravity water applications
- ii. At continuous service temperatures above 60°C
- iii. Without adequate support to the pipe in either, above ground or, below ground applications
- iv. Conduits and Ducts coloured orange and all Communications Ducts when exposed without protection from direct sunlight for service applications, or storage exceeding 12 months from the date of manufacture. This protection in storage can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which will heat and damage the pipes. Protection in service can include permanent physical shading such as location under bridges or structures, or by painting with pale coloured U.V. resistant, water based, paint systems.

**Note:** *Unprotected coloured PVC ducts including orange, green, red, lilac and salmon will exhibit some colour fading (whitening) of directly exposed surfaces during medium term storage.*

**Exposed Pole Riser Applications for Electrical and Communications ducts** *Iplex Novadrain DWV pipe to AS/NZS 1260 or Iplex Novakey PVC-U pressure pipe PN 15 to AS/NZS 1477 can be used for permanently exposed protective ducts for Pole Riser applications without painting or shading.*

## DEFINITION OF TERMS USED

|                |                                                         |
|----------------|---------------------------------------------------------|
| <b>B</b>       | Black PE pipe with no external stripes or jacket        |
| <b>BMS</b>     | Black PE pipe, with multiple blue external stripes      |
| <b>BSP</b>     | British Standard Pipe Thread                            |
| <b>CMS</b>     | Black PE pipe with multiple cream external stripes      |
| <b>CX</b>      | PE pipe with Co-Extruded coloured jacket on black inner |
| <b>DN</b>      | Nominal Diameter (mm)                                   |
| <b>DWV</b>     | Drain Waste and Vent                                    |
| <b>F&amp;F</b> | Female & Female                                         |
| <b>ID</b>      | Inside diameter                                         |
| <b>LDPE</b>    | Low Density Polyethylene                                |
| <b>LMS</b>     | Black PE pipe with multiple Lilac external stripes      |
| <b>M&amp;F</b> | Male & Female                                           |
| <b>OD</b>      | Outside diameter                                        |

|              |                                                                                              |
|--------------|----------------------------------------------------------------------------------------------|
| <b>PE</b>    | Polyethylene                                                                                 |
| <b>PE80</b>  | MRS 8 Polyethylene resin (formerly MDPE) to AS/NZS 4131 and conforming to PIPA POP 004       |
| <b>PE100</b> | MRS 10 Polyethylene resin to AS/NZS 4131 and conforming to PIPA POP 004                      |
| <b>PN</b>    | Nominal Maximum Working Pressure (Bar)                                                       |
| <b>PVC-M</b> | Modified Polyvinylchloride                                                                   |
| <b>PVC-O</b> | Oriented Polyvinylchloride                                                                   |
| <b>PVC-U</b> | Unplasticised Polyvinylchloride                                                              |
| <b>RRJ</b>   | Rubber Ring Joint                                                                            |
| <b>SCJ</b>   | Solvent Cement Joint                                                                         |
| <b>SDR</b>   | Standard Dimension Ratio =<br><u>Maximum Mean Outside Diameter</u><br>Minimum Wall Thickness |
| <b>SN</b>    | Minimum Pipe Stiffness Class as defined in AS/NZS 1260 (KN/m <sup>2</sup> )                  |
| <b>SOE</b>   | Socketed One End ( For Solvent Cement Jointing)                                              |

MAXIMUM ALLOWABLE WORKING PRESSURE CONVERSION TABLE

| PN   | BAR  | METRES HEAD | PVC PIPE MATERIAL | KPA  | P.S.I | FORMER PRESSURE CLASS |
|------|------|-------------|-------------------|------|-------|-----------------------|
| 6    | 6    | 60          | PVC-U, & PVC-M    | 600  | 87    | B                     |
| 6.3  | 6.3  | 63          | PVC-O             | 630  | 91    |                       |
| 9    | 9    | 90          | PVC-U & PVC-M     | 900  | 130   | C                     |
| 10   | 10   | 100         | PVC-O             | 1000 | 145   |                       |
| 12   | 12   | 120         | PVC-U & PVC-M     | 1200 | 174   | D                     |
| 12.5 | 12.5 | 125         | PVC-O             | 1250 | 181   |                       |
| 15   | 15   | 150         | PVC-U & PVC-M     | 1500 | 217   | E                     |
| 16   | 16   | 160         | PVC-O & PVC-M     | 1600 | 232   |                       |
| 18   | 18   | 180         | -                 | 1800 | 261   | F                     |
| 20   | 20   | 200         | -                 | 2000 | 290   | G                     |
|      |      |             | PE PIPE MATERIAL  |      |       |                       |
| 5    | 5    | 50          | LDPE              | 500  | 72    |                       |
| 6.3  | 6.3  | 63          | PE100             | 630  | 91    |                       |
| 7    | 7    | 70          | LDPE              | 700  | 101   |                       |
| 8    | 8    | 80          | LDPE, PE 100      | 800  | 116   |                       |
| 9    | 9    | 90          | LDPE, PE 100      | 900  | 130   |                       |
| 10   | 10   | 100         | PE100             | 1000 | 145   |                       |
| 12.5 | 12.5 | 125         | PE80, PE100       | 1250 | 181   |                       |
| 16   | 16   | 160         | PE100             | 1600 | 232   |                       |
| 20   | 20   | 200         | PE100             | 2000 | 290   |                       |
| 25   | 25   | 250         | PE100             | 2500 | 362   |                       |

# PRODUCT CATALOGUE, JUNE 2024

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## LIMITATIONS

The information contained in this document is current as at June 2024 and is based on data available to Iplex® Pipelines NZ Ltd at the time of going to print.

All photographic images are intended to provide a general impression only, and should not be relied upon as an accurate example of Iplex® Pipelines NZ Ltd products, installed in accordance with this document or the referenced compliance documents.

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## TRADEMARKS

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