APOLLO™ BLUE PVC-O SERIES 2 PRESSURE PIPE FLOW CHART

Iplex Pipelines NZ Limited
Civil Product Range

APOLLO™ *& APOLLO™BLUE

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PVC-O PRESSURE PIPE Apollo™ Series 2

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Version 2
This version supersedes all previous versions or editions of this flow chart.

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PVC-O Series 2 Flow Chart for Water @ 12.5°C

EXPLANATION OF UNITS

Re = Reynolds No.
Q = Flow rate (Litres per second)
i = Hydraulic Gradient
V = Flow Velocity (metres per second)
d = Mean Pipe Internal Diameter (mm)

LAMONT FORMULA S4 (Re>300000)

$$Q = \frac{d^{2.629} i^{0.543}}{1791}$$

$$V = 0.711\, d^{0.629} i^{0.543}$$

$$i = \frac{979618\, Q^{1.842}}{d^{4.842}}$$

LAMONT FORMULA S3 (3000<Re<300000)

$$Q = \frac{d^{2.6935} i^{0.5645}}{2304}$$

$$V = 0.55254\, d^{0.6935} i^{0.5645}$$

$$i = \frac{905032\, Q^{1.772}}{d^{4.772}}$$

PUNCH

Fold cover over to this line