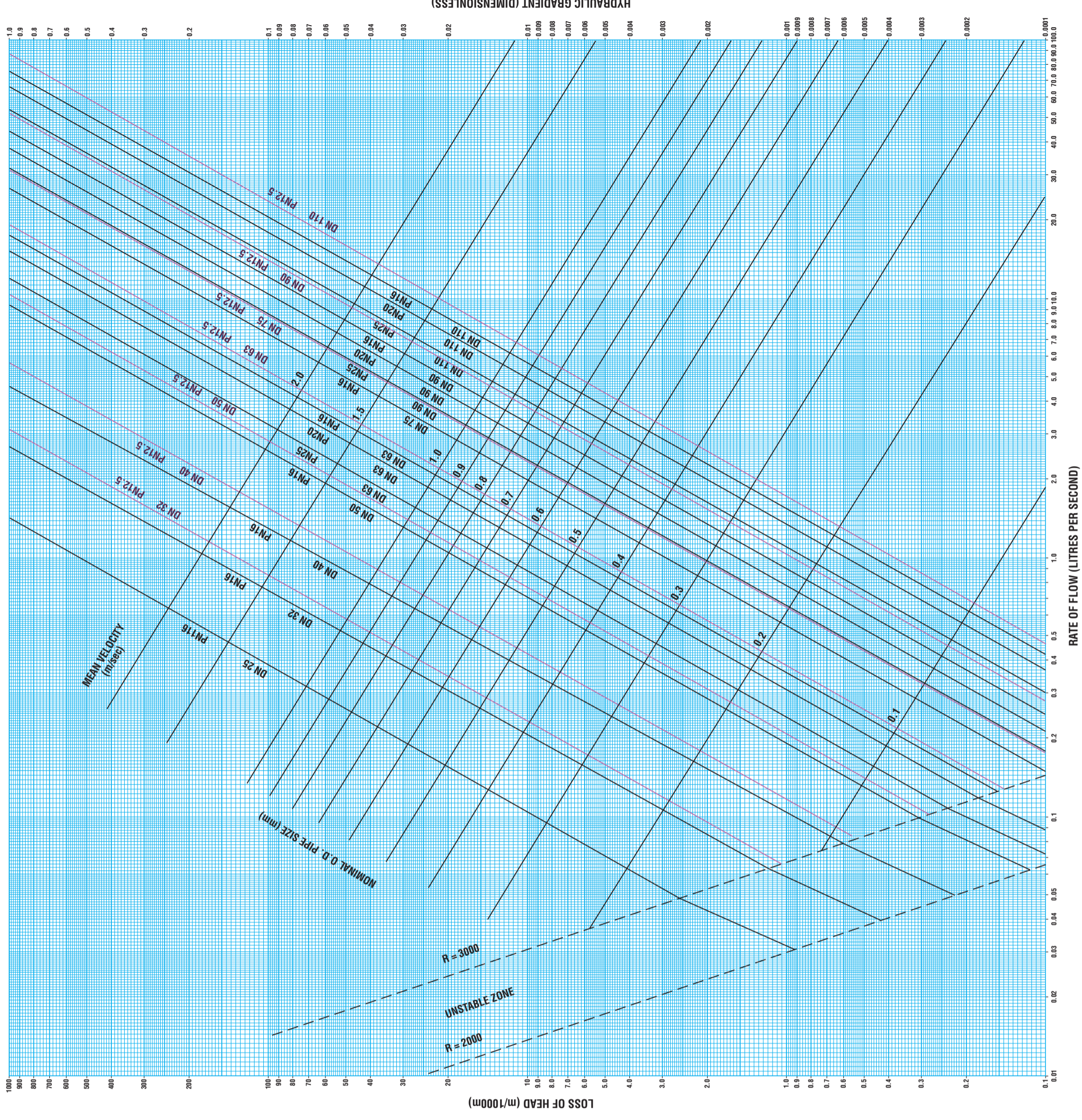


IPLEX

- RURAL BLACK PN12.5
- BLACKLINE PN16
- BLACKLINE HP PN20
- BLACKLINE HP PN25

FLOW CHART

@ 12.5°C



LAMONT FORMULA S3 (3000 < R < 3000000)

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

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

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

Explanation of Units

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

NOTE: This chart should be used as a guide only. All designs should be checked from first principles, based upon the above equations.



- **RURAL BLACK PN12.5**
 - **BLACKLINE PN16**
 - **BLACKLINE HP PN20**
 - **BLACKLINE HP PN25**
- ## **FLOW CHART**



Iplex Pipelines NZ Limited Rural Product Range

GREENLINE

REDLINE™

BLUELINE

BLACKLINE

RURAL BLACK

PLASSON®

ALKATHENE™

NOVATUBE

NEXUS™

NOVAFLO™

EFFLUENT PIPE

FARMTUFF™

NEXUS™ CULVERT



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Version 2

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

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