



VARIABLE PRESSURE RATINGS - LDPE PRESSURE PIPE

Product code: 300 Series

Compliance:

Iplex ALKATHENE is an imperial dimension (nominal ID), Low Density polyethylene pressure pipe, manufactured in New Zealand, using a Quality Management System accredited to AS/ISO 9001. The Outside Diameter of Iplex ALKATHENE™ conforms to NZS 7601.

Features and Benefits:

- ALKATHENE has higher pressure rating in each size than NZS 7601 (Refer table below)
- ALKATHENE is manufactured from black Pre-Compounded LDPE, for consistent carbon black dispersion in the resin, to maximise ability to resist UV degradation
- ALKATHENE is resistant to bloat remedies, used with in-line, bloat treatment dispensing systems.
- ALKATHENE is approved by Hansen Products (NZ) Ltd for use with LDPE-compatible Hansen mechanical pipe fittings, and by Hydroflo Distributors Ltd, with LDPE-compatible ANKA brand mechanical pipe fittings,
- ALKATHENE has robust wall section, resistant to kinking
- ALKATHENE is safe for use with potable water
- ALKATHENE is available in four different coil lengths (25, 50, 100 and 200 metres) to suit a wide range of applications.

Applications:

- Farm Water Reticulation and Stock Water Supply
- Agricultural and Horticultural Irrigation

Fittings and Connections:

Iplex ALKATHENE pipe may be used with LDPE-compatible Hansen Easy Fit Brand mechanical fittings, or ANKA Brand fittings



HANSEN Easyfit Pipe Coupling



ANKA Pipe Coupling

Design and Installation:

Iplex ALKATHENE should be installed in accordance with

- AS / NZS 2033 Installation of Polyethylene pipe systems,
- Iplex Pipelines Guideline "How I Install PE Pipes" - available on line from the Resources section of the Iplex NZ Website
- Alkathene Pipe Flow Chart -available on line from the Resources section of the Iplex NZ Website

Alkathene Product range

Product Code	Pipe Size OD (mm)	Mean Bore ID (mm)	Pressure Rating*		Standard Coil Sizes (m)				NZS 7601	
			(BAR)	(PSI)	25	50	100	200	Pressure rating	
300.15	17	12.8	9.7	141	✓	✓	✓	✓		9
300.20	25	19.0	9	131	✓	✓	✓	✓		8
300.25	31	25.3	8	116	✓	✓	✓	✓		6.5
300.32	38	31.1	7	102	✓	✓	✓	✓		5
300.40	44	37.5	6	87	✓	✓	✓	✓		4.5
300.50	57	50.0	5	73	✓	✓	✓	✓		3.5

*Maximum operating pressure at 20°C

