

effluent pipe

6.3 & 8 Bar - PE or PVC PRESSURE PIPE

PE-Pipe - Code Explanation

Product Code	Coil length (metres)
2200-90PN8-100	
OD (mm)	Pressure class



BLACK PE PIPE WITH LILAC MULTI-STRIPES

PVC Pipe - Code Explanation

Product Code	Pipe length (metres)
Z822-100PN8.6 LILAC	
Nominal ID (mm)	Pressure class



LILAC PVC-U PIPE WITH RUBBER RING JOINT

2200 Series (PE) or Z822 Series (PVC)

Iplex Effluent Pipe is either a metric OD sized PE-100 pipe, (manufactured in accordance with AS / NZS 4130,) or a lilac coloured PVC pipe, (manufactured in accordance with AS / NZS 1477). Iplex Effluent Pipe is manufactured in New Zealand, using a Quality Management System accredited to AS/ISO 9001.

Applications:

- Iplex Effluent Pipe is designed specifically for the disposal of dairy shed effluent.
- Iplex PE Effluent Pipe** may be installed below ground, or installed above ground and jointed using camlock type fittings, or Plasson Line 7 mechanical fittings. This allows the pipe to be moved easily for discharge to specific paddocks.
- Iplex PVC Effluent Pipe**, coloured lilac, may be used as an alternative to PE pipe, for underground effluent main line applications

Fittings and Connections - Iplex PE Effluent pipe:

Iplex recommends the use of Camlock type fittings, or PLASSON Line 7 mechanical fittings, complying to AS / NZS 4129

Iplex PE Effluent Pipe may be connected to other types of pipes with various OD sizes, using Camlock type fittings, or Plasson Line 7 threaded adaptor fittings

Fittings and Connections - Iplex PVC Effluent pipe:

Iplex recommends the use of Iplex Novakey PVC-U Pressure fittings, complying to AS / NZS 1477

Iplex PVC Effluent Pipe may be connected to other types of pipes using Novakey PVC-U flange adaptors (825 / 826 Series) or PVC-U Threaded adaptors (806 / 813 Series)

Design and Installation:

Iplex Effluent Pipe should be installed in accordance with

- AS / NZS 2033 Installation of Polyethylene Pipe Systems,
- AS / NZS 2032 - Installation of PVC Pipe Systems
- Iplex Pipelines Guideline "How I Install PE Pipes"
- Iplex Pipelines Guideline "How I install PVC Pipes"
- Iplex Pipelines Guideline "How I Solvent Cement Joint PVC Pipes"

Guidelines are available on-line from the Resources section from the Iplex NZ Website



Iplex PE Effluent Pipe supplying dairy effluent to a travelling irrigator, for spray distribution onto pasture

Product Range

Iplex PE 100 Effluent Pipe

PE Product Code	Nominal OD (mm)	Mean ID (mm)	Standard Coil Sizes (metres)			Pressure Rating*		Application
			50	100	200	(Bar)	(PSI)	
2230.45PN5	51.1	44.0		✓	✓	5	72	Pod irrigation
2200.63PN6.3	63	56.9	✓	✓	✗	6.3	91	Drag hose/main line
2200.75PN6.3	75	65.8	✓	✓	✗	6.3	91	Main line
2200.75PN8	75	65.8	✓	✓	✗	8	116	Main line
2200.90PN6.3	90	81.3	✓	✓	✗	6.3	91	Main line
2200.90PN8	90	81.3	✓	✓	✗	8	116	Main line
2200.110PN8	110	96.5	✓	✓	✗	8	116	Main line

Iplex PVC-U Effluent Pipe

PVC Product Code	Nominal OD (mm)	Mean ID (mm)	Effective Length (metres)	Pressure Rating*		Application
				(Bar)	(PSI)	
Z822.80PN6.6 LILAC	88.9	82.3	6	6	87	Main line
Z822.100PN6.6 LILAC	114.3	107.8	6	6	87	Main line
Z822.80PN8.6 LILAC	88.9	82.1	6	8	116	Main line
Z822.100PN8.6 LILC	114.3	105.7	6	8	116	Main line

*Maximum operating pressure at 20°C

*On average, given the same hydraulic gradient.

Plasson "Line 7", 2500 Series Compression Fittings

PLASSON fittings are an internationally recognised rated compression fitting range, suitable for use with Iplex PE EFFLUENT PIPE, in above ground or below ground applications

90° Elbow



Plain Coupling



Female Threaded Adaptor



Iplex Novakey PVC-U solvent cement joint fittings, 800 Series

Iplex PVC-U Effluent Pipe, is compatible with Iplex Novakey PVC-U fittings for use in underground applications

90° Elbow



Plain Coupling



Female Threaded Adaptor

