

effluent

PE PRESSURE PIPE

2200 Series

Iplex Pipelines effluent pipe is a metric OD sized PE polyethylene (PE) pipe designed specifically for the disposal of dairy shed effluent. PE Effluent pipe is typically installed above ground and jointed using camlock type fittings. This allows the pipe to be moved easily for discharge to specific paddocks.

The robust nature and ease of handling of Iplex effluent pipe makes it an economical and effective choice for effluent dispersal.

Iplex also manufacture a lilac coloured PVC pressure pipe, as an effluent main line alternative to PE pipe.



Features and Benefits

Easy to Install

Iplex PE effluent pipe is easily installed and lends itself to efficient relocation. Rubber ring joint PVC effluent pipe is quick and easy to join.

Proven

Iplex PE effluent pipe has been well proven on New Zealand dairy farms for many years.

Fittings Compatibility

Iplex effluent pipe is compatible with other PE and PVC pipeline system through the use of threaded and solvent cement joint fittings and camlock type fittings.

Versatile

Iplex effluent pipe is available in a number of diameters and coil sizes. It is compatible with camlock fittings and PLASSON fittings. This range offers an effluent pipe solution for most applications whether it be used as a drag hose or as a main line. Lilac coloured PVC effluent pipe allows installation without the need to handle large coils of PE pipe.

Long Life

Iplex effluent pipe is manufactured from tough PVC and Polyethylene for a long service life.

Economical & Efficient

Above ground installation of Iplex Pipelines polyethylene pipe is an efficient and economical solution for most effluent disposal needs. Iplex PVC effluent pipe provides a large bore for hydraulic efficiency.

Easy of Identification

Three permanent lilac stripes on Iplex PE and a solid lilac colour on PVC effluent pipe ensure instant identification.

High Quality

Iplex Pipelines PE effluent pipe is tested to AS/NZS 4130:1997 - "PE Pipes for Pressure Applications". Iplex PVC effluent pipe is dimensionally conformant to AS/NZS 1477 PVC pipe and fittings for pressure application Series 1.

Design Summary

Herd Size (Cows)	Recommended Area Required (Hectares)	Pump Duty	Sump Size (m ³)	Mainline Size (mm)	Effluent Applicator	Average Application Rate (mm/yr)	Annual Nutrient Deposit (270 Day Milking Season) Nutrients		
							N	P	K
200	9.0	Min. flow 15m ³ /hr Min. head 34m	4.0	65mm PVC PN6 75mm PE PN6.3 or PN8	As required	33	1296.0 Kg	135.0 Kg	1674.0 Kg
400	18.0	Min. flow 15m ³ /hr Min. head 39m	6.0	65mm PVC PN6 75mm PE PN6.3 or PN8	As required	33	2592.02 Kg	270.0 Kg	3348.0 Kg
600	27.0	Min. flow 15m ³ /hr Min. head 40m	8.0	80mm or 100mm PVC PN8 90mm or 110mm PE PN6.3 or PN8	As required	34	3888.0 Kg	405.0 Kg	5022.0 Kg

Product Range

PE 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

PVC 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