

EnviroPressure™ Pipe

Technical Datasheet

General Application

EnviroPressure™ Pipe is a solid-wall PE100 polyethylene pressure pipe designed, manufactured and tested to AS/NZS 4130 suitable for water, industrial, mining and other compatible pressurised-fluid applications.

Technical Data

Table 1. Overview of Characteristics

PARAMETER	SPECIFICATION
Product	EnviroPressure™ Pipe
Application	Pressure water, wastewater and other fluids.
Outside diameter (OD)	20mm to 1600mm
Material	High-density polyethylene (HDPE) PE100 High stress crack resistant polyethylene (HSCR) PE100, High-density polyethylene (HDPE) PE112
Colour	Black, white and other options available
Manufacturing standard	AS/NZS 4130:2018
Pipe type	Solid-wall PE pressure pipe
Joining	Butt welding / electrofusion / compression
SDR range	SDR41 to SDR7.4
Pressure classes	PN4 to PN25
Corrosion / Abrasion resistance	Excellent

Table 2. Product Codes and Dimensions

Description	Outside Diameter (mm)	Standard Dimension Ratio (1)	Nominal Working Pressure (bar)	Material Grade	Colour (2)	Length in Metres (m) (2)
Options:	20	280				
	25	315				
	32	355				
	40	400				
	50	450	SDR7.4	PN25	Black (BK)	6M
	63	500	SDR9	PN20	White Jacket (CW)	12M
	75	560	SDR11	PN16	Blue Line (BL)	20M
	90	630	SDR13.6	PN12.5	Red Line (RL)	21M
	110	710	SDR17	PN10	Yellow Line (YL)	50M
	125	800	SDR21	PN8	Lilac Line (LL)	100M
	140	900	SDR26	PN6.3	Green Line (GL)	150M
	160	1000	SDR41	PN4	Cream Line (CL)	200M
	180	1200			Brown Line (BS)	
	200	1400				
	225	1600				
	250					
Example Product:	50 SDR7.4 PN25 PE100 PIPE BLK 6MTR					
Example Product Code:	050	74	PN25	PE100	BK	6M

(1) For OD/SDR typical range, refer Enviropipes website or catalogue.

(2) Other options and combinations available, i.e. White Jacket Blue Stripe (CWBL), 13.5m length.

Joining and Installation

Pipe ends should be square, clean and correctly aligned, welding operators should have competency training.

Applicable Design Standards

AS/NZS 2566.1

AS/NZS 2033

Applicable Installation Standards

AS/NZS 2566.2

AS/NZS 2033

AS/NZS 3500 (all parts)

Chemical Resistance

Refer to Enviro Pipes Catalogue available for download from enviropipes.com.au

Approvals

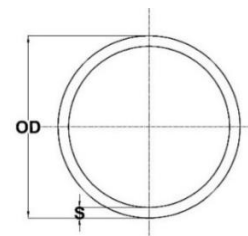
WaterMark Licence WM72303

WSAA Appraisal PA 1310

Applicable PIPA Guidelines

POP001, POP001A, POP002, POP003, POP004, POP005, POP007, POP013, POP020, POP202, POP203

All PIPA Guidelines are available for download from the Plastics Industry Pipe Association of Australia (PIPA) website.



Please contact Enviro Pipes nearest office for available dimensions to suit your project.