

EnviroPressure™ PE112 Pipe

Technical Datasheet

General Application

EnviroPressure™ PE112 Pipe is a solid-wall polyethylene pressure pipe designed, manufactured and tested to be suitable for water, industrial, mining and other compatible pressurised-fluid applications. PE112 material meets PE100 specifications, but with an MRS of 11.2MPa allowing larger bores than equivalent PE100 pressure pipe.

Technical Data

Table 1. Overview of Characteristics

PARAMETER	SPECIFICATION
Product	EnviroPressure™ PE112 Pipe
Application	Pressure water, wastewater and other fluids.
Outside diameter (OD)	20mm to 1600mm
Material	High-density polyethylene (HDPE) PE112
Colour	Black, white and other options available
Pipe type	Solid wall PE pressure pipe
Joining	Butt welding / Electrofusion / Compression
SDR range	SDR45.5 to SDR8
Pressure classes	PN4 to PN25
Corrosion / Abrasion resistance	Excellent

Table 2. Product Codes and Dimensions

Description		Outside Diameter (mm)	Standard Dimension Ratio ⁽¹⁾	Material Grade	Colour ⁽²⁾	Length in Metres (m) ⁽²⁾
Options:	20	280	SDR 45.5 to SDR8	PE112	Black (BK) White Jacket (CW) Blue Line (BL) Red Line (RL) Yellow Line (YL) Lilac Line (LL) Green Line (GL) Cream Line (CL) Brown Line (BS)	6M 12M 20M 21M 50M 100M 150M 200M
	25	315				
	32	355				
	40	400				
	50	450				
	63	500				
	75	560				
	90	630				
	110	710				
	125	800				
	140	900				
	160	1000				
	180	1200				
	200	1400				
	225	1600				
	250					
Example Product: 900 SDR19 PN10 PE112 PIPE BLACK 12MTR						
Example Product Code: 900 19 PE112 BK 12M						

(1) For OD/SDR typical range, please contact your nearest Enviropipes Office.

(2) 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

Applicable PIPA Guidelines

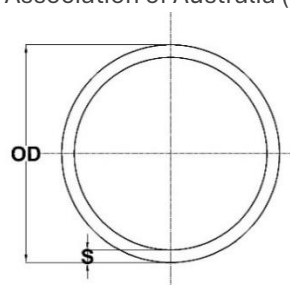
POP001, POP001A, POP002, POP003,

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.