

Enviropipes™ Reducing Tee

Technical Datasheet

General Application

Enviropipes™ Reducing Tees are designed to provide a smaller branch connection from a larger diameter PE100 pressure main, with the same pressure rating as the matching AS/NZS 4130 pressure pipe.

Technical Data

Table 1. Overview of Characteristics

PARAMETER	SPECIFICATION
Product	Enviropipes™ Reducing Tee
Application	Pressure water, wastewater, and other fluid systems.
Main outside diameter	200mm to 1600mm
Branch outside diameter	90mm to 1000mm
Material	High-density polyethylene (HDPE) PE100, High stress crack resistant polyethylene (HSCR) PE100, High-density polyethylene (HDPE) PE112.
Colour	Black, white, with or without stripes.
Manufacturing standard	AS/NZS 4129:2020
Jointing	Butt welding or electrofusion
SDR range	SDR17 to SDR7.4
Pressure classes	PN10 to PN25
Corrosion / Abrasion resistance	Excellent

Table 2. Product Codes and Dimensions

Description		Prefix	Standard Dimension Ratio ⁽¹⁾		Main Outside Diameter (mm)	Branch Outside Diameter	Colour ⁽²⁾
Options:	TFR	SDR7.4 SDR9 SDR11 SDR13.6 SDR17	200	560	110		Black ()
			225	630	125		White Jacket (CW)
			250	710	160		Blue Line (BL)
			280	800	180		Red Line (RL)
			315	900	200		Yellow Line (YL)
			355	1000	225		Lilac Line (LL)
			400	1200	250		Green Line (GL)
			450	1400	280		Cream Line (CL)
			500	1600	315		Brown Line (BS)
			Example Product:	250 x 125mm SDR11 PE100 Enviropipes Reduced Tee			
Example Product Code:	TFR	11	250	125			

(1) For other SDR's, ends can be routed.

(2) Other options and combinations available, eg: White Jacket Blue Stripe (CWBL).

Jointing 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 4131

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 WM72309

Applicable PIPA Guidelines

POP001

POP001A

POP003

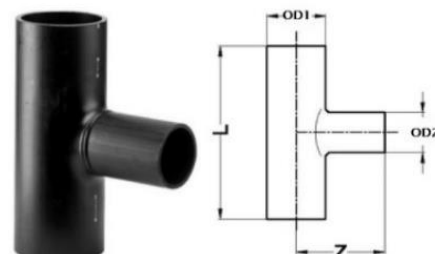
POP004

POP005

POP007

POP020

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



Product Dimensions are tabulated on the Enviro Pipes website.