

Enviropipes™ Inverted Scour Tee

Technical Datasheet

General Application

Enviropipes™ Inverted Scour Tees are PE100 fittings used to provide a controlled low-point discharge or scour connection from a pressurised polyethylene pipeline, allowing the pipeline to be drained, flushed and maintained through a downward-oriented branch outlet.

Technical Data

Table 1. Overview of Characteristics

PARAMETER	SPECIFICATION
Product	Enviropipes Inverted Scour Tee
Application	Pressure water, wastewater and other fluid systems.
Main outside diameter	250mm to 1200mm
Branch outside diameter	110mm, 160mm, 200mm, 250mm, 280mm and 315mm
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
Joining	Butt welding and electrofusion
SDR range	SDR13.6 and SDR11
Pressure classes	PN12.5 and PN16
Corrosion / Abrasion resistance	Excellent

Table 2. Product Codes and Dimensions

Description		Prefix	Standard Dimension Ratio ⁽¹⁾	Main outside diameter	Branch outside diameter	Colour ⁽²⁾
Options:	ST	SDR11 SDR13.6	250	110 160 200 250 280 315		Black () White Jacket (CW) Blue Line (BL) Red Line (RL) Yellow Line (YL) Lilac Line (LL) Green Line (GL) Cream Line (CL) Brown Line (BS)
			280			
			315			
			355			
			400			
			450			
			500			
			560			
			630			
			710			
			800			
			900			
			1000			
			1200			
Example Product:		1000 x 280mm SDR11 PE100 Enviropipes Inverted Scour Tee				
Example Product Code:		ST	11	1000	280	

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

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

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 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

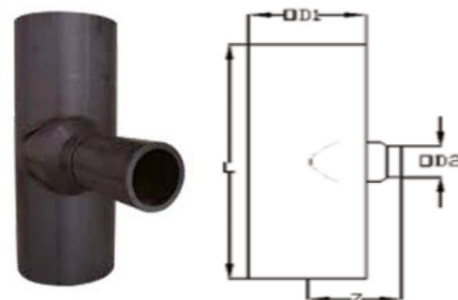
POP004

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.