

EnviroPressure™ Fabricated Y Piece 90°

Technical Datasheet

General Application

An EnviroPressure™ Fabricated Y Piece 90° provides a branch connection in PE100 pipeline systems, allowing the flow to be divided or combined between three connected pipelines in water, wastewater, drainage, mining and industrial applications.

Technical Data

Table 1. Overview of Characteristics

PARAMETER	SPECIFICATION
Product	Y Piece 90°
Application	Pressure water, wastewater and other fluid systems.
Outside diameter (OD)	90mm to 1600mm
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	SDR17 to SDR7.4
Pressure classes	PN5 to PN12.5 (non-derated options available)
Corrosion / Abrasion resistance	Excellent

Table 2. Product Codes and Dimensions

Description	Prefix	Standard Dimension Ratio ⁽¹⁾	Outside Diameter (mm)	Angle of Branch	Colour ⁽²⁾	
Options :	Y	SDR7.4 SDR9 SDR11 SDR13.6 SDR17	90	400	90	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)
			110	450		
			125	500		
			140	560		
			160	630		
			180	710		
			200	800		
			225	900		
			250	1000		
			280	1200		
			315	1400		
			355	1600		
			Example Product:			
Example Product Code:		Y	74	1000	90	

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

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

NOTE: PN = fr x PN Pipe, fr is the derating factor for these tees, having value of 0.5. Please contact Enviropipes for non-derated options.

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 Standard

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

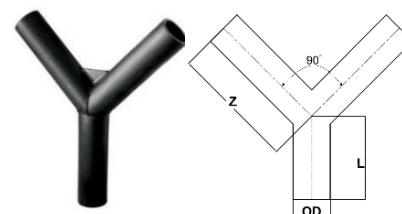
POP004

POP005

POP006

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.