

Poliplex PE100 Pipe

**PCH1663100**
**PE100 Polyethylene Pipe DN63  
SDR11 X 100M Cream Stripe**


### Application

Designed for the transfer of Sewer / Waste in pressure applications.

### Features

- Australian made
- Corrosion resistant
- Electrically nonconductive
- Multiple jointing options

## Technical Data

### Product Properties

Material	Polyethylene
Colour	Black with cream stripe
Joint type	Electrofusion, compression, butt-weld, mechanical
Unprotected UV exposure	2 years

### Product Dimensions

Length	100m
Size	63mm
Inner diameter	51mm
Wall thickness	5.8mm

### Material Properties

Yield strain	10%
Yield stress	25MPa
Compressive Strength	32MPa
Tensile modulus	900MPa
Hardness shore D	63
Poissons ratio	0.4
Design stress	8MPa

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**Thermal**

Coefficient of thermal expansion	1.8x10 <sup>-4</sup> /°C
Thermal conductivity	0.38W/m.K
Specific heat	1.9kJ/kg.K°C
Vicat softening temperature	116°C

**Fire resistance**

Flammability	Supports combustion, will burn when sufficient heat and oxygen are provided
Ignitability - AS 1530*	13
Smoke Development - AS 1530*	3
Spread of flame - AS 1530*	7
Heat evolved - AS 1530*	6

\*AWTA test report number 7-558803-CV

**Standards**

Product standard	Manufactured to AS/NZS 4130 from resin compounds complying with AS/NZS 4131
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