PE Systems

PESW1750045LS

Poly Sweep Bend DN500 x 45° SDR17 Long Spigot



Application

Can be joined to PE pipes by butt-welding or electrofusion

Features

- Lightweight
- Durable
- Long Service Life
- Environmentally Friendly
- Corrosion and Chemical Resistance

Technical Data

Product Properties

Material	Polyethylene
Colour	Black
Pressure rating	PN 10
Approximate mass	74.4 kg
Unprotected UV exposure	99.9% UV stable (black only)
End connection	Spigot / Spigot
Rating	SDR17

*For short term, intermittent exposure. Contact Iplex for further details

Product Dimensions

Nominal size	500 mm
Angle (degrees)	45°

Jointing Details

Joint type	Electrofusion or Butt weld

Standards

Environmental Declarations and Standards

Product standard	AS/NZS 4129 'Fittings for polyethylene (PE) pipes for pressure applications'

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Material Properties

Mechanical

Density 'specific gravity'	0.95
Hardness shore D	63

Thermal

Thermal conductivity	0.38 $W \cdot m^{-1} \cdot K^{-1}$

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