PE Systems

PESW1150045LS

Poly Sweep Bend DN500 x 45° SDR11 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 16
Approximate mass	109.9 kg
End connection	Spigot / Spigot
Rating	SDR11

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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