PE Systems

PESW1145030LS

Poly Sweep Bend DN450 x 30° 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
Approximate mass	70.2 kg
End connection	Spigot / Spigot
Rating	SDR11

Product Dimensions

Nominal size	450 mm
Angle (degrees)	30°

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'

PE Systems

PESW1145030LS

Material Properties

Mechanical

Density 'specific gravity'	0.95
Hardness shore D	63

Thermal

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

© Iplex Pipelines Australia Pty Limited 2026. Images are for illustration purposes only. All drawings and information contained within this document are the exclusive property of Iplex. Iplex reserves the right to change product specifications and other information without prior notification. Measurements provided are for reference purposes only. Information in this publication is given in good faith and no warranty is provided or is to be implied with respect to either the information or the product, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application.
Iplex_POLYETHYLENE_PESW1145030LS_datasheet_30Sep26