PE Systems

EG1025045

Poly Electrofusion Elbow DN250mm SDR11 x 45°



Application

Joins by electrofusion for PE pipes and/or long spigot fittings

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	7.1
Unprotected UV exposure	99.9% UV stable (black only)
End connection	E/F Socket / E/F Socket
Rating	SDR11

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

Product Dimensions

Nominal size	250 mm
Angle (degrees)	45°

Jointing Details

Joint type	Electrofusion

Standards

Environmental Declarations and Standards

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

PE Systems

EG1025045

Material Properties

Mechanical

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_EG1025045_datasheet_30Sep26