PE Systems

EG105045

Poly Electrofusion Elbow DN50mm 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	0.14
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	50 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'

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Material Properties

Mechanical

Hardness shore D	63

Thermal

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

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