PE Systems

PEC11050LS

PE100 Poly End Cap Long Spigot DN50mm SDR11



Application

Used to terminate polyethylene pipelines in water, irrigation, and industrial pressure systems. The long spigot design allows secure butt fusion or electrofusion installation for a reliable, leak-free end connection

Features

- Durable
- Long service life
- Environmentally friendly
- Corrosion and chemical resistance

Technical Data

Product Properties

Material	Polyethylene
Colour	Black
Pressure rating	PN 16
Approximate mass	0.05 kg
Unprotected UV exposure	99.9% UV stable (black only)
End connection	Spigot / Spigot
Rating	SDR11

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

Product Dimensions

Nominal size	450 mm

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'

Product Data Sheet

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Material Properties

Mechanical

Density 'specific gravity'	0.95
Hardness shore D	63

Thermal

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

Fire Resistance

Flammability	Flammable

*AWTA test report number 7-558788-CV

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