PE Systems

# PEE1118045LS

## Poly Elbow Long Spigot 180mm SDR11 x 45°



## 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 | 3.3 |
| 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 | 180 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' |

PE Systems

# PEE1118045LS

## 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_PEE1118045LS_datasheet_30Sep26