PE Systems

# PEC11180LS

## PE100 Poly End Cap Long Spigot DN180mm 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 | 1.4 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 | 180 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' |

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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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