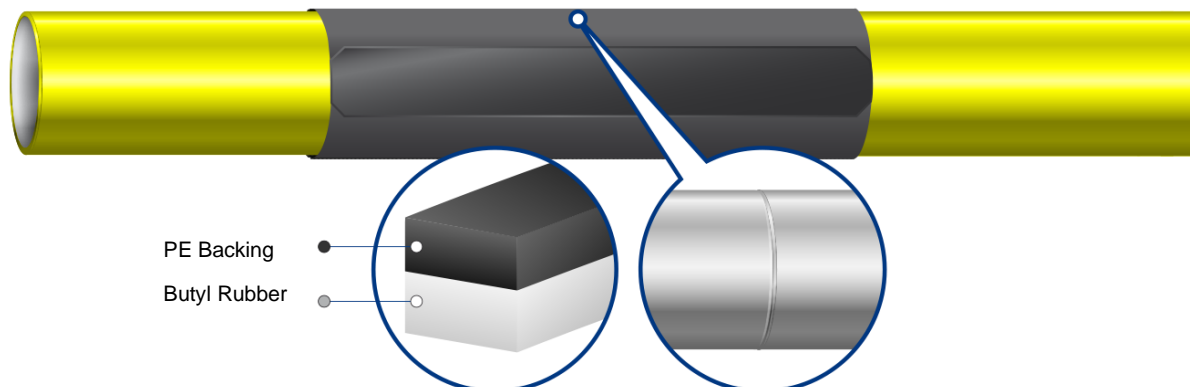


Premier Shrink Sleeve 60

with thermal indicator and separate closure patch



Description

Premier Shrink Sleeve 60 is a warm-applied corrosion protective sleeve. It is used for the protection of welded field joints on buried or above ground pipelines and can be applied on-site. It meets the requirements of stress class C for continuous operating temperatures up to 60 °C according to DIN EN 12 068 and DIN 30 672. Other site applications include the repair of mechanical defects in PE or PP factory coatings.

Compatibility

Premier Shrink Sleeve 60 is compatible with factory coatings of PE, PP, Epoxy resin, polyurethane and bitumen.

System

Premier Shrink Sleeve 60 system is simply comprised of a single layer shrinkable sleeve. No primer is required.

Each sleeve consists of a crosslinked and stabilised PE backing coated with a thermoplastic melt adhesive

Indicator

The surface pattern of the sleeve is a thermal indicator. With sufficient heat, the surface becomes smooth.

Characteristics

- High-quality field coating,
- Mechanically protective backing,
- Requires no primer, and
- Provides proven corrosion protection.

Complementary products

Premier Melt Stick

For the repair of minor damages to the PE factory coating

Characteristics

Backing	
Colour	Black
Nominal Thickness	1.0 mm
Type	Crosslinked PE backing
Adhesive	
Colour	colourless
Nominal Thickness	1.5 mm
Type	Thermoplastic melt adhesive
UV resistance	Backing contains >2% carbon black

Typical Properties

Typical Properties	Typical Result	Test Method
Impact resistance	16 J	EN 12068
Breaking strength	40 N/mm	EN 12068
Elongation at break	600%	EN 12068
Peel Strength (pipe surface) 23°C	5.4 N/mm	EN 12068
Peel Strength (pipe surface) 60°C	0.7 N/mm	EN 12068
Peel Strength (factory coating) 23°C	4.5 N/mm	EN 12068
Peel Strength (factory coating) 60°C	3.5 N/mm	EN 12068
Lap shear strength (steel surface) 23°C	0.48 N/mm ²	EN 12068
Lap shear strength (steel surface) 60°C	0.09 N/mm ²	EN 12068
Lap shear strength (factory coating) 23°C	0.48 N/mm ²	EN 12068
Lap shear strength (factory coating) 50°C	0.09 N/mm ²	EN 12068
Indentation Resistance (50°C)	10 N/mm ²	EN 12068
Residual Thickness	0.7 mm	EN 12068
Specific electrical insulation resistance	>10 ¹⁰ Ωm ²	EN 12068

Application

See *Instructions for Use* for additional detail.

Availability

Roll width	Roll length	Roll Area	Weight per roll
350 mm	30 m	10.5 m ²	32.1 kg
450 mm	30 m	13.5 m ²	41.4 kg
500 mm	30 m	15.0 m ²	45.9 kg
550 mm	30 m	16.5 m ²	50.7 kg

Kits are also available.

Storage conditions

Storage temperatures: +5 to 35°C

If stored in a dry, well ventilated place in original packaging.

Shelf life: 24 months (when stored as recommended)

Waste Material

Please avoid or minimise waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

Important: Premier Coatings Ltd. pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request. Premier Coatings Ltd operate a Quality Management System registered to BS EN ISO 9001 (BSI Certificate no. Q09303) and an Environmental Management System registered to BS EN ISO 14001 (BSI Certificate no. EMS 677780).