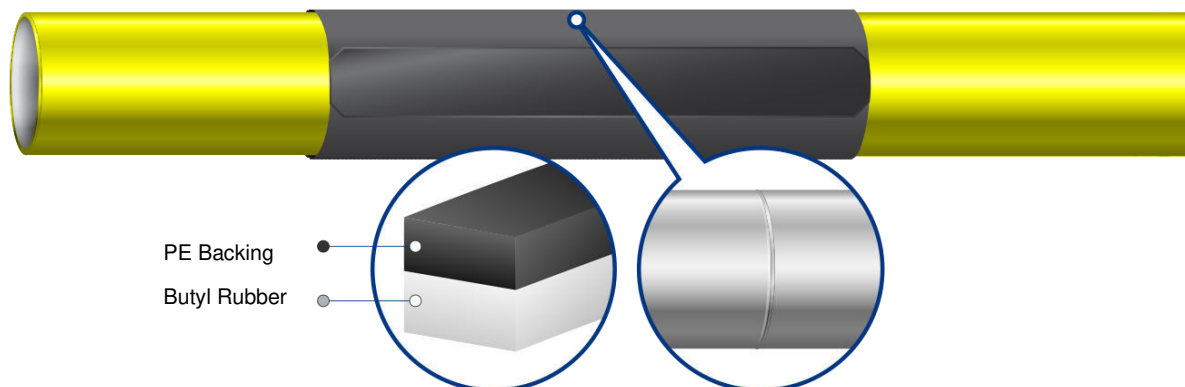


Premier Shrink Sleeve 30 ST

with thermal indicator and separate closure patch



Description

Premier Shrink Sleeve 30 ST is a warm-applied corrosion protective sleeve for operating temperature up to 30°C. It is used for the protection of welded field joints on buried or above ground pipelines and can be applied on-site. Other site applications include the repair of mechanical defects in PE or PP factory coatings.

Compatibility

Premier Shrink Sleeve 30 ST is compatible with factory coatings of PE, PP, Epoxy resin, polyurethane and bitumen.

System

Premier Shrink Sleeve 30 ST 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 butyl rubber 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.

Premier Patch Repair Kit

Warm-applied repair patch comprising crosslinked PE coated with melt adhesive. Can be used for the repair of mechanical damage in factory coatings of PE or PP.

Characteristics

Backing

Colour	Black
Nominal Thickness	0.65 mm
Type	Crosslinked PE backing

Adhesive

Colour	Black
Nominal Thickness	0.85 mm
Type	Butyl coating

Hardness of PE film (Shore D)

53

UV resistance

Backing contains >2% carbon black

Typical Properties

	Typical Result	Test Method
Impact resistance	12 J 8 J/mm	EN 12068 ISO 21809-3
Breaking strength	13 N/mm 20 MPa	EN 12068 / ISO 21809-3 EN 12068 / ISO 21809-3
Elongation at break	300%	EN 12068
Water absorption	0.05%	EN ISO 62
Peel Strength (layer to layer) 23°C	4.1 N/mm	EN 12068 / ISO 21809-3
Peel Strength (pipe surface) 23°C	2.5 N/mm	EN 12068
Peel Strength (factory coating) 23°C	2.3 N/mm	EN 12068
Lap shear strength (steel surface)	0.19 N/mm ²	EN 12068 / ISO 21809-3
Indentation Resistance (23°C) Residual Thickness	1.0 N/mm ² 0.89mm	EN 12068 / ISO 21809-3
Specific electrical insulation resistance	>10 ¹⁰ Ωm ²	EN 12068
Dielectric breakdown	>40 kV/mm	ASTM D149
Cathodic disbondment, 28 days	≤20 mm	EN 12068 / ISO 21809-3

Application

See *Instructions for Use* for additional detail

Availability

Premier Shrink Sleeve 30 ST is available in 30 m rolls with a width of 450 mm. Each roll is boxed (360 mm x 360 mm x 460 mm). Each roll weighs 29 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)

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