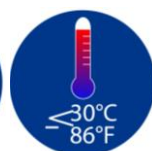
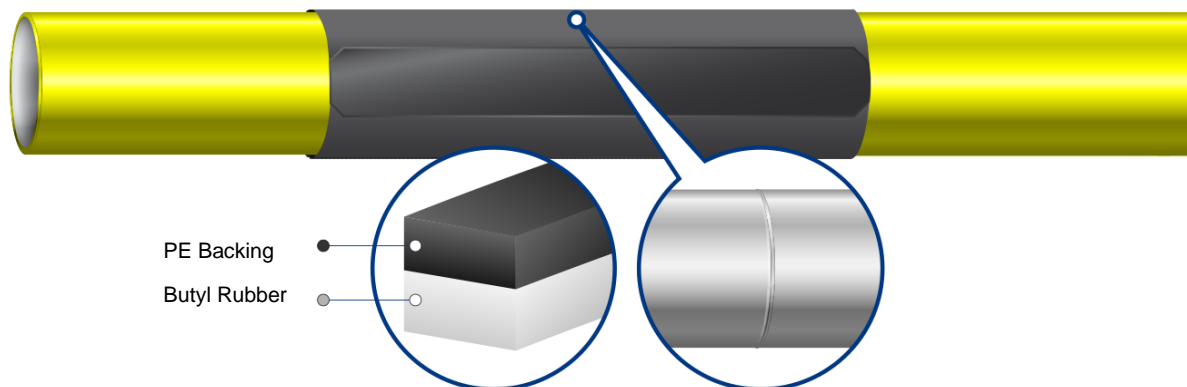


# Premier Shrink Sleeve 30 ST

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	EN 12068
	8 J/mm	ISO 21809-3
Breaking strength	13 N/mm	EN 12068 / ISO 21809-3
	20 MPa	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 <sup>2</sup>	EN 12068 / ISO 21809-3
Indentation Resistance (23°C)	1.0 N/mm <sup>2</sup>	EN 12068 / ISO 21809-3
	Residual Thickness 0.89mm	
Specific electrical insulation resistance	>10 <sup>10</sup> Ωm <sup>2</sup>	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 metre 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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