



**Longwrap**  
**Technical Data Sheet**

**DESCRIPTION**

Longwrap Petrolatum Tape is a 1.15 mm VOC Free, cold applied, wax based tape designed to protect piping and metal structures from damage and deterioration caused by corrosion at temperatures up to 70°C (158°F). This multi-environment coating is appropriate for use below grade in dry, damp or wet operating conditions. The Longwrap Petrolatum Tape encapsulates the surface in order to protect it, this allows for easy inspection of the substrate and repair of the coating. The tape is used with the Longwrap Paste which completely wets out the substrate surface and displaces any moisture.

Longwrap Petrolatum Tape is a highly moldable protective coating that will easily conform to irregular contours and difficult to coat structures. It is available in both a Temperate and Tropical grade.

Longwrap Petrolatum Tape contains non-toxic additives and meets the fire resistance requirements of BS 476 Part 7 and GB 8624.

**SUBSTRATE COMPATIBILITY**

Steel, Stainless Steel, Ductile Iron, Other Metals, FBE, PE, PP, Concrete

**RECOMMENDED USE**

Ideal for protecting structures such as fittings, flanges, valves, mechanical couplings, vault piping and other complex piping and metal structures.

**SURFACE PREPARATION**

SSPC SP-2 Hand Tool Cleaning

**PRIMER**

Longwrap Petrolatum Tape requires a primer to ensure maximum effectiveness of the system. Apply a minimum of 4 mils of Longwrap Paste using a gloved hand or by mechanical means. The Longwrap Petrolatum Tape can be applied immediately following the primer application.

**OPTIONAL OUTERWRAP**

To seal the system before burial the Longwrap Petrolatum Tape can be wrapped with Maflowrap PVC Outerwrap. This Outerwrap will add abrasion and UV resistance to the Longwrap Petrolatum Tape.

**REFERENCE**

Longwrap Petrolatum Tape and the Longwrap Paste together meet all of the performance criteria listed in the most recent revisions of:

NACE RP0375 (Cold-Applied Wax-Tape Coating System)  
 ANSI/AWWA C217

**SAFETY**

Refer to Material Safety Data Sheet: MSDS-Longwrap-Tape, MSDS-Longwrap-Paste

**APPLICATION**

Refer to Application Guidelines: AG-COLD-APPLIED-LONGWRAP-PET-WAX-TAPES

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**LONGWRAP PETROLATUM TAPE TYPICAL DATA**

Property	Metric	US Customary	Test Method
Color	Brown	Brown	
VOC Content	0 g/l	0 lb/gal	
Total Thickness	1.15 mm	45 mils	ASTM D1000
Cathodic Disbondment, 30 days	<5 mm radius	<0.2 in <sup>2</sup>	ASTM G8
Dielectric Strength	16 KV (2 layers)	16 kV (2 layers)	ASTM D149
Tensile Strength	4.0 N/mm	22.8 lb/in	ASTM D1000
Fire Resistance—Surface Spread of Flame	Class 2Y Class E	Class 2Y Class E	BS 476 Part 7 GB 8624
Storage Temperature Range	<50° C	<122° F	
Application Temperature Range Temperate Grade Tropical Grade	+5° C to +45° C +5° C to +55° C	+41° F to +113° F +41° F to +131° F	
Service Temperature Range Temperate Grade Tropical Grade	up to 55° C up to 70° C	up to 131° F up to 158° F	

**LONGWRAP PASTE TYPICAL DATA**

Property	Metric	US Customary	Test Method
Color	Brown	Brown	
VOC Content	0 g/l	0 lb/gal	
Service Temperature Range	-29° C to 121° C	-20° F to 250° F	

**ORDERING INFORMATION**

**Longwrap Tape**

Dimension	Sizes Available
Width	50, 75, 100, 150, 225, 300 mm
Length	10 m

**Longwrap Paste**

Container Size	Weight
Pail	2.5 kg