

## PREMCOTE GLASS OUTERWRAP UV™ UV Protective Fiberglass Outerwrap

### Description

Premcote Glass Outerwrap UV is a fiberglass-cloth wrap with a water-activated aliphatic polyurethane resin. It has excellent performance against abrasion, gouge and impact to protect Premier Coatings anti-corrosion coatings during and after installation in many construction applications.

### Uses

- Used as a protective outerwrap for Premier Coatings petrolatum tapes and Viscotag products.
- Used as a protective outerwrap over Premier Coatings products in applications involving underground pipes, aboveground pipes, soil-to-air, and piles that are above and below water.
- Used for a variety of other applications where additional mechanical protection is required.

### Features

- UV resistant
- Prevents damage to anti-corrosion coatings
- Rapid application and curing time
- Easy to apply and no messy cleanup
- It can be applied to dry, underwater, and wet surfaces
- Outstanding abrasion, gouge and impact resistant
- No mixing or VOCs
- Quick, long-term protection, ready for immediate service
- It can be top-coated for aesthetics
- Resistant to water, acid, salts, and soil organics
- CSA Z245.30 component

### Surface Prep

Prepare surfaces by removing all loose scale, rust or other foreign matter in accordance to SSPC SP2 "Hand Tool Cleaning" or SP3 "Power Tool Cleaning". High pressure water wash of 3,000 - 7,000 psi (20.68 - 48.26 MPa) is also suitable.

### Application

Spirally wrap a layer of Premier Coatings Petrolatum Tape with a minimum 1" (25 mm) overlap. For severely corrosive environments, a 55% overlap is recommended.



# TECHNICAL DATA SHEET

While wrapping, press air pockets out and smooth all lap seams. Using rubber gloves, remove the Premcote Glass Outerwrap UV from the hermetically sealed foil pouch and soak in temperate water (salt or fresh) for 20 to 30 seconds. Remove from water and begin wrapping product tightly on substrate.

Proceed to spirally wrap the Premcote Glass Outerwrap UV with a minimum 50% overlap, spraying each layer with water as it is applied. Ensure the wrap is completely saturated with water and then immediately begin wrapping, with tension, the Premier Poly-Wrap in the same direction as the layers of the Premcote Glass Outerwrap UV was applied. Once compressed, use the Premier Perforating Tool to puncture the Premier Poly-Wrap. This will allow for excess resin, moisture, and CO<sub>2</sub> to escape during the reaction to assist in the curing of the Premcote Glass Outerwrap UV. The Premier Poly-Wrap should be removed after approximately 1 to 2 hours, depending on temperature.

For underwater applications, please refer to the SeaShield Series 70 Application Specification. For irregular surfaces such as valves, flanges, etc... may require the use of Premier Coatings™ Molding Compound, Prembond Mastic™, or ViscoMastic prior to product application to transition diameter variations. Refer to the technical data sheets for these specific products for information on application and selection.

## Storage

6 months minimum shelf life when stored in original packaging @ 41°F (5°C) to 90°F (32°C). Do not store in direct sunlight.

## Cleaning

Remove any resin immediately from any contaminated surface using a clean, dry cloth. If a solvent is required, use xylene or dibasic ester or comparable solvent containing essentially no water.

## HSE

Refer to SDS before use. Always refer to project specifications as they may supersede Premier Coatings specifications.

## Packaging

Tape Width	Tape Length	Rolls*/ Case	Coverage with 50% Overlap
in.	ea.	ea.	ea.
3" (75 mm)	9' (2.7 m)	100	113 ft <sup>2</sup> /case (10.7 m <sup>2</sup> /case)
4" (100 mm)	30' (9 m)	40	200 ft <sup>2</sup> /case (18.4 m <sup>2</sup> /case)
8" (200 mm)	40' (12 m)	15	200 ft <sup>2</sup> /case (18.4 m <sup>2</sup> /case)

\*Other widths and lengths available upon special request.

# TECHNICAL DATA SHEET

## Tech Data

Properties	Imperial	Metric
<b>Thickness</b>	11 mils avg.	0.28 mm
<b>Flexural Strength</b> (ASTM D790)	26,100 psi	180 MPa
<b>Tensile Strength</b> (ASTM D3039)		
Strength	33.1 ksi	228 MP
Modulus	2.39 Ms	16.5 GPa
Strain	1.43%	1.43%
<b>Tabor Abrasion</b> (ASTM D4060-14)		
Wear Index	57.1 mg/1000 cycles	57.1 mg/1000 cycles
Thickness Loss (After 1000 Cycles)	2.96 mils	75 microns
Initial Thickness Avg.	34 mils	0.86 mm
<b>Compression Strength</b> (ASTM D 695-15)	29.3 mils	202 MPa
<b>Lap Shear Strength</b> (ASTM D 5868-01R14)	1.75 ksi	12.1 MPa
<b>Dielectric Strength</b> (ASTM D 149-09 (2013))	160 V/mil	6300 V/mm
<b>Impact Resistance</b> (NACE SP 0394)	99.6 ft-lb	135 J
<b>Maximum Service Temperature</b>	250°F	121°C
<b>Setting Time</b>		
@ 70°F (21°C)	2.5 hours	2.5 hours
@ 90°F (32°C)	1 hour	1 hour



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