PRODUCT DATA SHEET

PREMTAPE MARINE

Marine Petrolatum Tape with HDPE Backing

Description

Premtape Marine is composed of a non-woven synthetic fabric carrier, fully impregnated with a compound based on petrolatum containing inert fillers, water displacing agents. It is backed with a thin high density polyethylene film.

Uses

Premtape Marine are designed to be used without primer to protect dry, wet or submerged surfaces. The tapes provide long term protection to pipes, pilings, risers, flanges, valves and related surfaces. When applied underwater or in the splash zone, the tape shall be protected with a specified SeaShield outercover.

Features

- Meets NACE RP0375-2006
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- Conforms to irregular shapes and profiles
- UV resistant
- Can be applied to cold, wet surfaces
- Not effected by water, acid, salts or soil organics
- Encapsulation of lead paint
- Contains no solvents
- Easy application from arctic to tropical temperatures
- Ready for immediate service after application
- Does not require a primer
- Over a sixty-five year history of proven applications

Application

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. Spirally wrap the tape with a minimum 1" (25 mm) overlap. For severely corrosive environments, a 55% overlap is recommended. While wrapping, press air pockets out and smooth all lap seams. When applied in the splash zone, the tape shall be protected with a specified SeaShield outercover.

Irregular surfaces such as valves, flanges, etc. may require the use of Premier Molding or Prembond Mastic. Refer to the product data sheets for these specific products for information on application and selection.

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Premtape Marine

Property Specifications

Properties	English	*Metric*
Thickness (ASTM D1000)	51 mils	*1.3 mm avg.*
Weight	.33 lbs/ft^2	*1.62 kg/m^2 avg.*
Breaking Strength (ASTM 1000)	22.5 lbf/in.	*200 N/50 mm min.*
Water Vapor Transmission (ASTM E96 - 66 Procedure A)	0.006 perms avg.	*0.006 perms avg.*
Elongation @ Break	10% avg.	*10% avg.*
Breakdown Voltage (55% overlap)	16 kV min.	*16 kV min.*
Resistance to Cathodic Disbonding (ASTM G-8 - 30 days)	.28 in^2 avg.	*180 mm^2 avg.*
Resistance to Acids, Alkalies and Salts	Excellent	*Excellent*
Maximum Service Temperature	140°F	*60°C*

Quantity Estimates

Tape Width	Rolls*/ Case	Coverage with 1" (25 mm) Overlap	Coverage with 55% Overlap
in.	**ea.**	**ea.**	**ea.**
4" (100 mm)	18	145 ft^2/case (13.47 m^2)	87 ft^2/case (8.08 m^2)
6" (150 mm)	12	162 ft^2/case (15.05 m^2)	87 ft^2/case (8.08 m^2)
8" (200 mm)	8	150 ft^2/case (13.94 m^2)	77 ft^2/case (7.15m^2)
12" (300 mm)	6	177 ft^2/case (16.44 m^2)	87 ft^2/case (8.08 m^2)

*All rolls are 33 feet (10 meters) in length.

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