

PREMATHERM TAPE

Hot Applied Pipeline Tape

Description

Premtherm Tape is a hot applied bituminous tape. It is comprised of a non-woven synthetic fabric fully impregnated and coated with a flexible, high melting point bitumen compound.

Uses

Premtherm is suitable for use above or below ground for protecting pipes, fittings, welds and bends. The tape is applied with the aid of a propane gas torch.

Features

- Excellent adhesion to pipe and self
- Excellent resistance to cathodic disbonding
- Good impact resistance
- Good conformability
- Hot applied
- Compatible with common pipe coatings

Application

Prepare surfaces by removing all loose scale, rust or other foreign matter by grit blasting or wire brush. Surface must be clean, dry and free of grease. Apply a thin film of Premcote Primer to all surfaces to be wrapped and allow to dry. Begin wrapping using a reverse spiral wrap, at the same time, apply a flame torch to side of tape that is in contact with the surface. Then, apply heat to form a gloss-like texture to the outside of tape upon completion of wrapping. A minimum 1" (25 mm) overlap should be used. For severe environments, a 55% overlap is recommended.

Premtherm Tape

Property Specifications

PROPERTIES	ENGLISH	METRIC
Thickness (ASTM D1000)	79 mils	2.0 mm
Weight	.41 lbs/ft ²	2.0 kg/m ²
Breaking Strength (ASTM 1000)	51.4 lbf/in.	9 N/mm
Tear Strength (ASTM 1004)	11.2 lbf	50 N
Elongation @ Break	12%	12%
Adhesion Peel Strength (ASTM D1000)		
To Primed Steel	13.7 lbf/in.	2.4 N/mm
To Self	13.7 lbf/in.	2.4 N/mm
Impact Strength (ASTM G-14)	5.9 ft lb	8.0 Nm
Dielectric Strength	20 kV	20 kV
Maximum Service Temperature	176°F	80°C
Recommended Holiday Test Voltage		
Single Layer	10 kV	10 kV
Double Layer	14 kV	14 kV
Roll Widths	2" to 12"	50 - 300 mm
Roll Length	50 ft	15.24 m
Recommended Primer	Premcote Primer	

Quantity Estimates

Tape Width	Rolls*/ Case	Coverage with 1" (25 mm) Overlap	Coverage with 50% Overlap
in.	ea.	ea.	ea.
2" (50 m)	12	45 ft ² /case (4m ² /case)	45 ft ² /case (4 m ² /case)
4" (100 m)	6	75 ft ² /case (7 m ² /case)	45 ft ² /case (4 m ² /case)
6" (150 m)	4	82 ft ² /case (7.6 m ² /case)	45 ft ² /case (4 m ² /case)
12" (300 m)	2	90 ft ² /case (8.4 m ² /case)	45 ft ² /case (4 m ² /case)

*All rolls are 50 feet (15 m) in length.



HOUSTON:
9747 Whithorn Drive,
Houston, Texas,
U.S.A. 77095
Tel: 1-281-821-3355
Fax: 1-281-821-0304

TORONTO:
90 Ironside Crescent,
Unit 12, Toronto,
Ontario, Canada M1X1M3
Tel: 1-416-291-3435
Fax: 1-416-291-0898

e-mail: info@premiercoatings.com

www.premiercoatings.com

A Member of Winn & Coales International

The information given on this sheet is intended as a general guide only and should not be used for specification purposes. We believe the information to be accurate and reliable but do not guarantee it. We assume no responsibility for the use of this information. Users must, by their own tests, determine the suitability of the products and information supplied by us for their own particular purposes. No patent liability can be assumed.