

DENSYL TAPE

All Purpose Petrolatum Tape

Description

Densyl Tape is composed of a non-woven synthetic fabric carrier, fully impregnated with a neutral compound based on saturated petrolatum and inert siliceous fillers.

Uses

Densyl Tapes are designed to withstand extreme temperature variations. The tapes provide long term corrosion protection to pipes, flanges, valves and related surfaces.

Features

- 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
- Meets AWWA C217 Standard
- Over an 80 year history of proven applications
- Can be applied above and below ground

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. Apply a thin film of Denso Paste, which serves as a primer. 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. For additional mechanical protection, an overwrap may be used to increase impact strength and electrical resistance.

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



Densyl Tape

PROPERTY SPECIFICATIONS

PROPERTIES	ENGLISH	METRIC
Thickness (ASTM D1000)	46 mils	1.15 mm avg.
Weight	.295 lbs/ft ² .	1.44 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	158°F	70°C
Roll Widths	2" to 12"	50 to 300 mm
Roll Length	33 ft	10 m
Recommended Primer	Denso Paste Denso Paste S105 or Denso Priming Solution	

Quantity Estimates

Tape Width	Rolls*/ Case	Coverage with 1" Overlap	Coverage with 55% Overlap
in.	ea.	ea.	ea.
2"	36	87 ft ² /case (8.08 m ²)	87 ft ² /case (8.08 m ²)
4"	18	145 ft ² /case (13.47 m ²)	87 ft ² /case (8.08 m ²)
6"	12	162 ft ² /case (15.05 m ²)	87 ft ² /case (8.08 m ²)
8"	8	150 ft ² /case (13.94 m ²)	77 ft ² /case (7.15 m ²)
12"	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.



DENSO NORTH AMERICA

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

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

www.densona.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.