

DENSO WB TAPE

Hi-Tack Petrolatum Tape with Polymer Backing

Description

Denso WB Tape is composed of a non-woven synthetic fabric carrier, fully impregnated with a petrolatum compound containing synthetic rubber polymers and inert mineral fillers. To provide additional protection the tape has a high density polyethylene backing.

Uses

A specifically developed non-leaching tape for buried pipes, rods, cables, etc. that are exposed to dry soils for long periods.

Features

- Meets NACE RP0375-2006
- Highly resistant to dry soils
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- UV resistant
- Conforms to irregular shapes and profiles
- Can be applied to cold and wet surfaces
- Ready for immediate service after application
- Encapsulation of lead paint
- Contains no solvents
- Easy application from arctic to tropical temperatures
- Resistant to acids, water, salts & alkalis

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.



Denso WB 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	20% avg.	20% avg.
Breakdown Voltage (55% overlap)	16 kV min.	16 kV min.
Resistance to Cathodic Disbonding (ASTM G-8 - 30 days)	.47 in ² avg.	300 mm ² avg.
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.
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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