

DENSO TAPE

All Purpose Petrolatum Tape

Description

Denso 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

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

Features

- Meets NACE RP0375-2006
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- Conforms to irregular shapes and profiles
- 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 AS 4822-2008, ISO 21809-3:2008 and AWWA C217 Standard
- Over an 80 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. Apply a thin film of Denso MP Primer. Spirally wrap the tape with a 55% overlap. While wrapping, press air pockets out and smooth all lap seams.

Irregular surfaces such as valves, flanges, etc. may require the use of Denso Mastic or Denso Profiling Mastic. Denso PVC Tape (below ground) or Denso Sirex Tape (above ground) is applied as an outerwrap for mechanical protection. Refer to the product sheets for these specific products for information on application and selection.



Denso Tape

PROPERTY SPECIFICATIONS

PROPERTIES	VALUE
Thickness (ASTM D1000)	1.15 mm avg.
Weight	1.44 kg/m ² avg.
Breaking Strength (ASTM D1000)	200 N/50 mm min.
Water Vapor Transmission (ASTM E96 - 66 Procedure A)	0.006 perms avg.
Elongation @ Break	10% avg.
Breakdown Voltage (55% overlap)	16 kV min.
Resistance to Cathodic Disbonding (ASTM G-8 - 30 days)	180 mm ² avg.
Resistance to Acids, Alkalies and Salts	Excellent
Maximum Service Temperature	70°C
Roll Widths	50 to 300 mm
Roll Length	10 m
Recommended Primer	Denso MP Primer

Quantity Estimates

Tape Width	Rolls*/Case	Coverage with 55% Overlap
mm	ea.	ea.
50 mm	24	58 ft ² (5.4 m ²)/case
75 mm	16	58 ft ² (5.4 m ²)/case
100 mm	12	58 ft ² (5.4 m ²)/case
150 mm	8	58 ft ² (5.4 m ²)/case
200 mm	8	77 ft ² (7.2 m ²)/case
300 mm	4	58 ft ² (5.4 m ²)/case



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