

DENSO HOTLINE TAPE

High Temperature Petrolatum Tape

Description

Denso Hotline Tape is composed of a synthetic fabric impregnated with a special blend of high temperature petrolatum, mineral fillers and thermal extenders. It is backed with a thin high density polyethylene film.

Uses

A specifically developed tape for use in high temperature applications. Ideal for pipe work above or below ground, underneath pipe insulation or for pipes laid in concrete.

Features

- Meets NACE RP0375-2006
- Service temperature up to 230°F (110°C) for above ground (180°F / 83°C for below ground)
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- UV resistant
- Resistant to water, acid, salts & soil organics
- Encapsulation of lead paint
- Contains no solvents
- Ready for immediate service after application

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 55% overlap to provide a double layer. While wrapping, press air pockets out and smooth all lap seams. Where tape rolls need to be joined, ensure that the overlap is sufficient between rolls to provide continuous protection.

Outerwraps: For below ground applications, Denso PVC SA Tape is recommended. For above ground applications, Denso Sirex Tape is recommended.

Note: for pipes with operating temperatures below 90°F (32°C), a thin layer of Denso MP Primer may be applied to aid in adhesion.

Irregular surfaces such as valves, flanges, etc. may require the use of Denso Seal 16A. Refer to the product sheets for these specific products for information on application and selection.



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PROPERTY SPECIFICATIONS

PROPERTIES	VALUE
Thickness (ASTM D1000)	1.40 ± 0.3 mm
Weight	1.44 ± 0.18 kg/m ²
Breaking Strength (ASTM D1000)	4.0 ± 1.0 N/mm min.
Elongation @ Break	15%
Breakdown Voltage (55% overlap)	16 kV min.
Resistance to Cathodic Disbonding (ASTM G-8 - 30 days)	200 mm ² avg.
Application Temperature	5°C to 50°C
Maximum Service Temperature	
Above Ground	110°C
Below Ground	83°C
Roll Widths	50 to 200 mm

Quantity Estimates

Tape Width	Rolls*/ Case	Coverage with 55% Overlap
in. (mm)	ea.	ea.
2" (50 mm)	24	58 ft ² (5.4 m ²)/case
4" (100 mm)	12	58 ft ² (5.4 m ²)/case
6" (150 mm)	8	58 ft ² (5.4 m ²)/case
8" (200 mm)	8	77 ft ² (7.2 m ²)/case

*All rolls are 10 m in length.



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