

DENSO COLORTAPE™

Primer-Integrated Color Petrolatum Tape

Description

Denso ColorTape is composed of a non-woven synthetic fabric carrier, fully impregnated with a stable pigmented petrolatum compound. Denso ColorTape is designed to withstand extreme temperature variations. Provides long term corrosion protection. It is specially stabilized and pigmented for use above ground where appearance is important.

Uses

- Buried pipelines and fittings
- Above-ground structures and pipework
- Wet, damp or dry piping
- Underdeck dock piping & offshore platform piping
- Tie bars and post-tensioned cables
- Cooling tower piping
- Under thermal insulation
- Cadwelds
- Battery terminals
- Hydraulic hose fittings

Features

- Meets NACE RP0375
- Does not require a primer
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- UV resistant
- Conforms to irregular shapes and profiles
- Can be applied to cold, wet surfaces
- Not effected by water, acid, salts or soil organics
- Can be used above and below ground
- Encapsulation of lead paint
- Contains no solvents
- Easy application from arctic to tropical temperatures
- Ready for immediate service after application
- Meets AWWA C217 Standard

Surface Prep

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.

Application

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.

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.

The minimum roll temperature for application shall be 60°F (16°C).



TECHNICAL DATA SHEET

Storage

Denso ColorTape shall be stored in a dry and ventilated location. The storage temperature shall be a minimum of 35°F (1.7°C) and a maximum of 110°F (44°C).

Packaging

Tape Width	Rolls*/Case	Coverage with 1" (25 mm) Overlap	Coverage with 55% Overlap
		in.	ea.
2" (50 mm)	24	45 ft ² /case (4.2 m ² /case)	45 ft ² /case (4.2 m ² /case)
4" (100 mm)	12	74 ft ² /case (6.9 m ² /case)	45 ft ² /case (4.2 m ² /case)
6" (150 mm)	8	83 ft ² /case (7.7 m ² /case)	45 ft ² /case (4.2 m ² /case)
8" (200 mm)	8	116 ft ² /case (10.8 m ² /case)	60 ft ² /case (5.6 m ² /case)
12" (300 mm)	4	91 ft ² /case (8.5 m ² /case)	45 ft ² /case (4.2 m ² /case)

*All rolls are 25 feet (7.6 m) in length.

Tech Data

Properties	Imperial	Metric
Thickness (ASTM D1000)	59 mils	1.5 mm avg.
Weight	.255 lbs/ft ² .	1.25 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	140°F	60°C
Roll Widths	2" to 12"	50 to 300 mm
Roll Length	25 ft	7.5 m
Color	Gray	Gray



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