

# DENSO MARINE PILING TAPE

## Marine Petrolatum Tape with HDPE Backing

### Description

Denso Marine Piling Tape is composed of a non-woven synthetic fabric carrier, fully impregnated with a compound based on petrolatum containing inert fillers, water displacing agents and wide spectrum biocides. It is backed with a thin high density polyethylene film.

### Uses

Denso Marine Piling Tapes are designed to be used without primer to protect dry, wet or submerged surfaces. The tapes provide long term protection to pipes, pilings, risers, 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
- Does not require a primer
- Over a sixty-five 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. 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 Marine Piling Tape

## PROPERTY SPECIFICATIONS

PROPERTIES	ENGLISH	METRIC
Thickness (ASTM D1000)	51 mils	1.3 mm avg.
Weight	.33 lbs/ft <sup>2</sup>	1.62 kg/m <sup>2</sup> 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 <sup>2</sup> avg.	180 mm <sup>2</sup> avg.
Resistance to Acids, Alkalies and Salts	Excellent	Excellent
Maximum Service Temperature	125°F	52°C
Roll Length	33 ft	10 m

## Quantity Estimates

Tape Width	Rolls*/ Case	Coverage with 1" Overlap	Coverage with 55% Overlap
in.	ea.	ea.	ea.
2"	36	87 ft <sup>2</sup> /case (8.08 m <sup>2</sup> )	87 ft <sup>2</sup> /case (8.08 m <sup>2</sup> )
4"	18	145 ft <sup>2</sup> /case (13.47 m <sup>2</sup> )	87 ft <sup>2</sup> /case (8.08 m <sup>2</sup> )
6"	12	162 ft <sup>2</sup> /case (15.05 m <sup>2</sup> )	87 ft <sup>2</sup> /case (8.08 m <sup>2</sup> )
8"	8	150 ft <sup>2</sup> /case (13.94 m <sup>2</sup> )	77 ft <sup>2</sup> /case (7.15 m <sup>2</sup> )
12"	6	177 ft <sup>2</sup> /case (16.44 m <sup>2</sup> )	87 ft <sup>2</sup> /case (8.08 m <sup>2</sup> )

\*All rolls are 33 feet (10 meters) in length.



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