

# DENSO HI-TACK TAPE

## High Adhesive Petrolatum Tape

### Description

Denso Hi-Tack Tape is composed of a non-woven synthetic fabric impregnated and coated with an adhesive compound based on petrolatum, polymers and inert siliceous fillers.

### Uses

A specially developed tape to protect irregular surfaces or where additional adhesion is required. Adhesion qualities are higher compared to other Denso Petrolatum Tapes.

### Features

- Meets NACE RP0375-2006
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- High conformability with strong adhesion
- UV resistant
- Encapsulation of lead paint
- Can reduce or eliminate plant shut-down for maintenance
- Long term cost effective corrosion protection
- Instant and uniform protection given irrespective of the profile
- Resistant to acids, alkalis, salts etc.
- Elimination of failure due to intercoat contamination
- Years of proven effectiveness

### 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 is also suitable. Apply a thin film of Denso Hi-Tack Primer to serve as a primer. Do not overlap on the underside of horizontal surfaces. Do not attempt to work with lengths greater than 6 feet. Where possible, overlap from bottom upward to create a "shingle" type overlap. Press and smooth with special attention to overlap areas. Make sure tape is firmly pressed in all angles and corners and then along flat surfaces to prevent air pockets, bridging, or stretching. Goal is to ensure intimate contact between tape and surface. Rivets, nuts, bolts may be rounded with Densyl Mastic, Denso Profiling Mastic or the use of a second layer of Denso Hi-Tack Tape for these areas only.



# Denso Hi-Tack Tape

## PROPERTY SPECIFICATIONS

| PROPERTIES   | ENGLISH                    | METRIC                      |
|--|----------------------------|-----------------------------|
| <b>Thickness</b> (ASTM D1000)                                    | 46 mils                    | 1.15 mm avg.                |
| <b>Weight</b>  | .295 lbs/ft <sup>2</sup> . | 1.44 kg/m <sup>2</sup> avg. |
| <b>Breaking Strength</b> (ASTM 1000)                             | 22.5 lbf/in.               | 200 N/50 mm min.            |
| <b>Water Vapor Transmission</b><br>(ASTM E96 - 66 Procedure A)   | 0.006 perms avg.           | 0.006 perms avg.            |
| <b>Elongation @ Break</b>  | 6% avg.                    | 6% avg.                     |
| <b>Breakdown Voltage</b> (55% overlap)                           | 16 kV min.                 | 16 kV min.                  |
| <b>Resistance to Cathodic Disbonding</b><br>(ASTM G-8 - 30 days) | .47 in <sup>2</sup> avg.   | 300 mm <sup>2</sup> avg.    |
| <b>Resistance to Acids, Alkalies and Salts</b>                   | Excellent                  | Excellent                   |
| <b>Maximum Service Temperature</b>                               | 149°F                      | 65°C                        |
| <b>Roll Widths</b>   | 4" to 12"                  | 100 to 300 mm               |
| <b>Roll Length</b>   | 33 ft                      | 10 m                        |
| <b>Recommended Primer</b>  | Denso Hi-Tack Primer       |                             |

## Quantity Estimates

| Tape Width | Rolls*/ Case | Coverage with 1" Overlap  | Coverage with 55% Overlap |
|------------|--------------|---------------------------|---------------------------|
| in.        | ea.          | ea.                       | ea.                       |
| 4"         | 18           | 145 ft <sup>2</sup> /case | 87 ft <sup>2</sup> /case  |
| 6"         | 12           | 162 ft <sup>2</sup> /case | 87 ft <sup>2</sup> /case  |
| 8"         | 8            | 150 ft <sup>2</sup> /case | 77 ft <sup>2</sup> /case  |
| 12"        | 6            | 177 ft <sup>2</sup> /case | 87 ft <sup>2</sup> /case  |

\*All rolls are 33 feet in length.



DENSO NORTH AMERICA

**Liberty Sales & Distribution, LLC**  
 2880 Bergey Road, Suite F, Hatfield, PA 19440  
 Phone: (877) 373-0118 Fax: (888) 850-3787  
 Email: [sales@libertysales.net](mailto:sales@libertysales.net) Web: [www.libertysales.net](http://www.libertysales.net)

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