

## 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

- 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
- 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)                  | 1.4 mm avg.                 |
| Weight                                  | 1.44 kg/m <sup>2</sup> avg. |
| Breaking Strength (ASTM D1000)          | 200 N/50 mm min.            |
| Elongation @ Break                      | 10% avg.                    |
| Breakdown Voltage (55% overlap)         | 16 kV min.                  |
| Resistance to Acids, Alkalies and Salts | Excellent                   |
| Maximum Service Temperature             | 50°C                        |
| Peak Intermittent Temperature           | 55°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 <sup>2</sup> (5.4 m <sup>2</sup> )/case |
| 75 mm      | 16           | 58 ft <sup>2</sup> (5.4 m <sup>2</sup> )/case |
| 100 mm     | 12           | 58 ft <sup>2</sup> (5.4 m <sup>2</sup> )/case |
| 150 mm     | 8            | 58 ft <sup>2</sup> (5.4 m <sup>2</sup> )/case |
| 200 mm     | 8            | 77 ft <sup>2</sup> (7.2 m <sup>2</sup> )/case |
| 300 mm     | 4            | 58 ft <sup>2</sup> (5.4 m <sup>2</sup> )/case |



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