

# Technical Data Sheet

## Denso Hotline Tape

- Description:** 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.
- Composition:** Shuk-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.
- Characteristics:**
- Meets NACE RP0375-2006
  - Service temperature up to 110° C for above ground, 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
- Uses:** For corrosion protection of copper, steel pipes set in concrete, buried in soil or running in ducts. Suitable for use at elevated temperatures. A component of the Denso Steel coat 200 System.
- Surface Preparation & Application:** Clean metal surfaces with a wire brush. Firmly adherent rust and scale need not be removed. Use Shuk-Denso Seal 16A high temperature mastic to profile any irregular surfaces to ease conformance of tape wrapping. Wrap Hotline Tape without overstretching. Apply heavily coated compound side of the tape to the metal surface. Smooth down and mould by hand especially all overlapped edges. A 55 % overlap should be applied to provide a double layer of tape. Outerwraps: For buried applications use Shuk-Denso Glass Outerwrap tape, for above ground applications Shuk-Denso Sirex Tape is recommended.
- Note:** for pipes with operating temperatures below 32° C, a thin layer of Shuk-Denso MP Primer may be applied to aid in adhesion.
- Storage:** As received in cool, dry, ambient conditions, away from heat or direct sunlight.

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**Dimensions:**

DENSOHOTL TOSO	50mm x 10m Roll (24/Carton)
DENSOHOTL T075	75mm x 10m Roll (16/Carton)
DENSOHOTLT100	100mm x 10m Roll (12/Carton)
DENSOHOTL TISO	150mm x 10m Roll (6/Carton)

**Physical Properties:**

Test	Test Methods	Units	Value
Thickness	ASTM D751	mm	1.40 ± 0.30
Weight	ASTM D751	kg/m <sup>2</sup>	1.44 ± 0.18
Breaking Strength	ASTM D1000	N/mm	4.0 ± 1.0
Elongation at Break	ASTM D1000	%	15%
Breakdown Voltage - double layer	ASTM D149	kV	≥16