



Approved Quality Management System
AS/NZS ISO 9001:2008
Lloyds Register-Certificate
No. MEL 0927759

Technical Data Sheet
DENSO HOT LINE TAPE

Description:	Fabric based tape for corrosion protection of pipes. Designed to withstand high service temperatures.
Composition:	Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum based compounds, inert siliceous fillers and thermal extenders.
Characteristics:	<ul style="list-style-type: none"> • no primer required, red/brown in colour • stable in composition and plasticity over a very wide temperature range • non hardening and non cracking • accommodates vibration and movement of substrate • highly resistant to mineral acids, alkalis and salts • will adhere and remain attached to clean, sound, wet or dry metal surfaces
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 Steelcoat 200 System.
Surface Preparation & Application:	<p>Clean metal surfaces with a wire brush. Firmly adherent rust and scale need not be removed. Use Densoseal 16A high temperature mastic to profile any irregular surfaces to ease conformance of tape wrapping. Wrap Hot Line 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 Denso Glass Outerwrap tape, for above ground applications Denso Sirex Tape is recommended.</p>
Recommended Temperatures:	<p>Application: + 5 to + 50 °C Service: - 20 to + 80 °C Buried soil + 90 °C Buried screed + 90 °C In Ducts + 100 °C Above Ground Peak: + 110 °C</p>
Storage:	As received in cool, dry, ambient conditions, away from heat or direct sunlight.
Available Dimensions:	Widths: 50, 75, 100, 150, 200, 300 mm. Length: 10 metre roll, minimum. Other sizes available by special arrangement.

Physical Properties:	Test	Test Method	Units	Value
	Thickness	ASTM D751	mm	1.40 ± 0.30
	Weight	ASTM D751	kg/m ²	1.44 ± 0.18
	Density	ASTM D1475	kg/L	1.03
	Breaking Strength	ASTM D1000	N/mm	4.0 ± 1.0
	Elongation at Break	ASTM D1000	%	15 ± 4
	Breakdown Voltage - double layer	ASTM D149	kV	≥ 16
	Water Vapour Transmission Rate - single layer	ASTM E96	g/m ² .24hr	0.25 ± 0.16