



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

Technical Data Sheet
HI TACK TAPE

Description:	A specially formulated, high tack, cold applied petrolatum tape for high performance corrosion protection of above ground pipe work, fittings and structural steelwork where only limited surface preparation is possible and long term performance is necessary.
Composition:	Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum based compounds, inert siliceous fillers, adhesion promoted butyl rubber based resins and dissolved in solvent based vehicles.
Characteristics:	<ul style="list-style-type: none"> • stable over a wide temperature range, non hardening or cracking • accommodates vibration and movement of substrate • highly resistant to mineral acids, alkalis and salts • will adhere to structural steelwork, pipes and fittings
Uses:	<p>It is a component of the Denso Steelcoat 100 System.</p> <p>Protection of flat steel or on flat areas where tapes need to be applied in a longitudinal fashion.</p> <p>Corrosion protection of structural steel, pipes, welded joints, bends and fittings above or below ground.</p> <p>To protect steel from corrosion the system completely encases and segregates its surface from the surrounding environment by making intimate contact with the entire exposed substrate.</p>
Surface Preparation:	<p>Mechanically clean steel to St2 (power brushed) / AS1627 P.2 (minimum). Surfaces must be free from loose rust, scale and flaking coatings. Firmly adherent rust and scale need not be removed.</p> <p>Surfaces may be damp but any droplets or films of water must be dried off.</p>
Application:	<p>Apply a thin coating of Denso Hi Tack Primer, 5 m²/ litre, to the prepared substrate. Allow primer to reach a sticky tack dry state before proceeding.</p> <p>Wet film thickness: 200 µm, Dry Film Thickness: 140 µm</p> <p>Wrap tape without overstretching. Apply heavily coated side of the tape to the metal surface.</p> <p>Smooth down and mould by hand especially all overlapped edges.</p> <p>A 55 % overlap of tape should be applied to provide a double layer of tape.</p>
Recommended Temperatures:	<p>Application: - 5 to + 50 °C</p> <p>Service: - 25 to + 65 °C</p> <p>Peak: + 65 °C</p>
Shelf Life:	≥ 2 years
Storage:	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.
Available Sizes:	<p>Widths: 50, 75, 100, 150, 200, 300 mm.</p> <p>Length: 10 metre roll, minimum.</p> <p>Other sizes available by special arrangement.</p>

Physical Properties:	Test	Test Method	Units	Value
	Thickness	ASTM D751	mm	1.70 ± 0.20
	Weight	ASTM D751	kg/m ²	1.57 ± 0.18
	Density	ASTM D1475	kg/L	0.92
	Breaking Strength	ASTM D1000	N/mm	6.0 ± 1.0
	Elongation at Break	ASTM D1000	%	15 ± 4
Breakdown Voltage	- double layer	ASTM D149	kV	≥ 16

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