



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

**Technical Data Sheet**  
**DENSYL TAPE**

<b>Description:</b>	Synthetic fabric based tape impregnated and coated with petrolatum based compounds designed to withstand elevated temperatures.
<b>Composition:</b>	Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum based compounds, inert siliceous fillers and thermal extenders.
<b>Characteristics:</b>	<ul style="list-style-type: none"> <li>• stable in composition and plasticity over a wide temperature range</li> <li>• non hardening and non cracking</li> <li>• accommodates vibration and movement of substrate</li> <li>• highly resistant to mineral acids, alkalis and salts</li> <li>• will adhere and remain attached to clean, sound, wet or dry metal surfaces</li> </ul>
<b>Uses:</b>	For corrosion protection, sealing and water proofing of metal above and below ground. Protection of pipelines, joints, fittings, cables, tensioning members. Suitable for use at elevated temperatures.
<b>Surface Preparation &amp; Application:</b>	<p>Clean metal surfaces with a wire brush. Firmly adherent rust and scale need not be removed. A thin film of Denso Hi Tack Primer should be applied before wrapping. Wrap tape without overstretching. Apply heavily coated side of the tape to the metal surface. Smooth down and mould by hand especially all overlapped edges. A 55 % overlap of tape should be applied to provide a double layer of tape.</p>
<b>Recommended Temperatures:</b>	<p>Application: - 5 to + 55 °C Service: - 20 to + 75 °C Peak: + 75 °C</p>
<b>Storage:</b>	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.
<b>Available Dimensions:</b>	<p>Widths: 25, 50, 75, 100, 150, 200, 300 mm. Length: 10 metre roll, minimum. Other sizes available by special arrangement.</p>

<b>Physical Properties:</b>	<b>Test</b>	<b>Test Method</b>	<b>Units</b>	<b>Value</b>
	Thickness	ASTM D751	mm	1.40 ± 0.30
	Weight	ASTM D751	kg/m <sup>2</sup>	1.44 ± 0.18
	Density	ASTM D1475	kg/L	1.03
	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
	Water Vapour Transmission Rate - single layer	ASTM E96	g/m <sup>2</sup> .24hr	0.25 ± 0.16
	Resistance to Cathodic Disbondment - single layer - double layer	ASTM G8, A (30 days)	mm <sup>2</sup>	< 700 (Group C) < 500 (Group B)

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of our materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use, prior to purchase.