

# Technical Data Sheet

## Densyl Petrolatum Tape

Description:	Synthetic fabric-based tape impregnated and coated with petrolatum-based compounds designed to withstand elevated 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"><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>
Uses:	For corrosion protection, sealing and water proofing of metal above and below ground. Protection of pipelines, joints, fittings, cables, tensioning members.
Surface Preparation & Application:	<p>Clean metal surfaces with a wire brush.</p> <p>Firmly adherent rust and scale need not be removed.</p> <p>A thin film of Denso MP Primer should be applied before wrapping.</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 + 55 °C</p> <p>Service: - 20 to + 75 °C</p> <p>Peak: + 75 °C</p>
Storage:	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.

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Dimensions:

DENSYL50	50mm x 10m Roll (24/Carton)
DENSYL75	75mm x 10m Roll (16/Carton)
DENSYL100	100mm x 10m Roll (12/Carton)
DENSYL150	150mm x 10m Roll (8/Carton)
DENSYL200	200mm x 10m Roll (8/Carton)
DENSYL300	300mm x 10m Roll (3/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
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 later	ASTM G8, A (30 days)	mm <sup>2</sup>	< 700 (Group C) < 500 (Group B)