



Product Data and Specification Sheet
Pipelines & Fittings
DENSO TAPE

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Description:	Synthetic fabric based tape impregnated and coated with organic petroleum based compounds.
Composition:	Non-woven synthetic fabric carrier free of chemical impurities. Fully impregnated and coated with a neutral petroleum based compound. Inert siliceous mineral fillers and inhibitors.
Characteristics:	Stable in composition and plasticity over a wide temperature range. Non-hardening and non-cracking. Accommodates vibration and extreme movement of substrate. Superficial oxidation renders surface less tacky. Highly resistant to mineral acids, alkalis and salts. Will adhere and remain attached to all cleaned, sound, wet or dry metal surfaces.
Uses:	For corrosion protection, sealing and water proofing of metal above and below ground. Protection of pipelines, joints, fittings, cables, tensioning members.
Recommended Temperatures:	Application Temperature: - 5 °C to + 45 °C Continuous Temperature: - 20 °C to + 50 °C Peak Temperature: + 55 °C
Surface Preparation and Application:	Minimal cleaning with wire brush. Firmly adherent rust and scale need not be removed. A thin film of DENSO MP Primer should be applied before wrapping. Apply tape without stretching, with heavy compound side to work and smooth down by hand. A 55 % overlap of tape should be applied.
Shelf Life: Service Life:	Indeterminably long, ≥ 30 years expected. Expected ≥ 30 years.
Available Dimensions:	Widths: 25, 50, 75, 100, 150, 200, 300 mm. Other sizes available by special arrangement. Length: 10 metre roll minimum.

Physical Properties:	Test	Test Method	Value
	Thickness:	ASTM D751	1.4 ± 0.3 mm
	Weight:	ASTM D751	1.44 ± 0.18 kg/m ²
	Breaking Strength:	ASTM D1000	150 ± 20 N/25mm.
	Elongation at Break:	ASTM D1000	15 ± 4 %
	Breakdown Voltage: (double wrap)	ASTM D149	≥ 16 kV
	Water Vapour Transmission Rate:	ASTM E96	0.006 g/m ² /24 hr