



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

Technical Data Sheet
BUTYL MASTIC TAPE
Potable Water Grade

Description:	A flexible permanently non hardening butyl mastic sealing tape. Can be used as either a mastic filler or for tape wrapping.
Composition:	Based on Butyl rubber, 99% polyisobutylene.
Characteristics:	<ul style="list-style-type: none"> • stable in composition and plasticity over a wide temperature range • non hardening or cracking • accommodates vibration and movement of substrate • highly resistant to mineral acids, alkalis and salts • cost effective solution to many long term sealing and joining applications • highly adherent to most common substrates used in building, construction and insulation industries. • black in colour, non hazardous, non staining
Uses:	<ul style="list-style-type: none"> • installations where airtight or watertight seals are required • provides corrosion protection to substrates in submerged environments • complies with the requirements of AS4020 for contact with potable water • has been used in precast manhole sewer access systems, various pit and cover installations • on site pipe construction and concrete wall fabrication to slab bases
Surface Preparation:	<p>Prepare steel to St2 (power brushed) / AS1627 P.2 (minimum) Edges should be chamfered to remove step down. Approximately a 100mm band of the pre-existing factory coatings should be abraded and solvent (toluene) degreased either side of joint.</p> <p>The surface should be sound, dry and clean before proceeding. Any dust, grease or oil should be removed from the substrate before tape application.</p> <p>For precast concrete sealing ensure that the joint surfaces are undamaged and free from foreign matter such as sand, mud and concrete.</p>
Application: <div style="margin-left: 40px;">Primer</div> <div style="margin-left: 40px;">Profiling</div> <div style="margin-left: 40px;">Wrapping</div>	<p>Denso Butyl Primer PW Grade should be applied to the prepared substrate at a rate of 5m²/litre and allowed to tack dry before applying mastic or tape (5 to 10 minutes). Ensure mastic or tape is applied when primer is tack dry.</p> <p>Denso Butyl Mastic Tape can be moulded and applied to contour weld beads, step downs on shop coatings and fill irregular surfaces so that subsequently applied tape can conform smoothly to the substrate being protected. It can be cut into smaller strips and moulded into crevices and cavities.</p> <p>When using Denso Butyl Mastic tape wrap without overstretching. Apply a 55% overlap of tape to effectively provide a double layer. Smooth down and mould by hand especially all overlapped edges.</p>
Recommended Temperatures:	<p>Application: - 10 to + 50 °C Service: - 40 to + 120 °C Peak: + 150 °C</p>
Shelf Life: Storage:	<p>≥ 2 years In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.</p>
Available Dimensions:	<p>Widths: 95 mm. Length: 10 metre roll, minimum.</p>



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Physical Properties:	Test	Test Method	Units	Value
	Hardness, Shore D	ASTM D2240	Duro	10 ± 5
	Thickness	ASTM D1000	mm	3.0 ± 0.3
	Density @ 15°C	ASTM 1475	kg/L	1.40
	Flash Point	ASTM D92	°C	≥ 250
	Dielectric Strength	ASTM D149	kV	≥ 10