



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

Technical Data Sheet
BUTYL MASTIC STRIP

Description:	A permanently non-hardening butyl mastic, mouldable by hand. Combination filler and/or 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
Uses:	<p>Repair of damaged areas, to fill holes and cracks in factory coated pipes. Contouring weld beads and cut backs prior to wrapping welded joints. Contouring seams on spiral and seam welded pipe. Filling/wrapping of bolted connections in junction boxes. Sealing exposed electrical cable ends. A component of the Denso Butyl Tape System.</p>
Surface Preparation:	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.
Application:	Denso Butyl Primer always required. The primer should be applied to the prepared substrate at a rate of 5m ² /litre and allowed to tack dry before applying mastic (5 to 10 minutes). Ensure mastic is applied when primer is tack dry.
Primer:	
Profiling:	Denso Butyl Mastic Strip is 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.
Wrapping:	When using Denso Butyl Mastic Strip as a 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.
Recommended Temperatures:	<p>Application: - 10 to + 50 °C Service: - 40 to + 120 °C Peak: + 150 °C</p>
Storage:	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.
Available Dimensions:	Widths: 50, 95, 150 mm. Length: 10 metre roll, minimum.

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	2.05
	Flash Point	ASTM D92	°C	≥ 250
	Dielectric Strength	ASTM D149	kV	≥ 10