

Technical Data Sheet

Denso 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• AS/NZS 4020:2005 compliant for potable water applications, when exposed at area to volume ratios up to 2500 mm²/L
Uses:	<ul style="list-style-type: none">• repair of damaged areas, filling holes or 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 or wrapping of bolted connections in junction boxes• sealing exposed electrical cable ends• a component of the Denso Butyl Tape System.
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:	<p>Primer: Denso Butyl Primer always required. The primer should be applied to the prepared substrate at a rate of 5m²/litre and allowed to tack dry before applying mastic (5 to 10 minutes). Ensure mastic is applied when primer is tack dry.</p> <p>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.</p> <p>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.</p>

Technical Data Sheet

Denso Butyl Mastic Strip

Recommended Application: - 10 to + 50 °C
Temperatures: Service: - 40 to + 120 °C
Peak: + 150 °C

Storage: In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.

Dimensions:	DENSOBUTM050	50mm x 10m x 3mm Roll (8/Carton)
	DENSOBUTM095	95mm x 10m x 3mm Roll (4/Carton)
	DENSOBUTM150	150mm x 10m x 3mm Roll (2/Carton)

Physical Properties:	Test	Test Methods	Units	Value
	Hardness, Shore D	ASTM D2240	Duro	10 ± 5
	Thickness	ASTM D1000	mm	3.0 ± 0.3
	Density @ 15°C	ASTM D1475	kg/L	2.05
	Flash Point	ASTM D92	°C	≥ 250
	Dielectric Strength	ASTM D149	kV	≥ 10