



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

Technical Data Sheet
ULTRASEAL REINFORCING TAPE

Description:	Ultraseal Reinforcing Tape (RT) is a synthetic fibre backed adhesive bitumen compound tape.			
Composition:	Non woven synthetic fabric coated on one side with a bitumen adhesive compound. It has a release coated paper interleaving which is removed during application. Contains no volatile compounds.			
Characteristics:	<ul style="list-style-type: none"> • fast and simple to apply • no special tools, heating or drying required • 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 • will adhere and remain attached to petrolatum based tapes 			
Uses:	<ul style="list-style-type: none"> • designed as an above ground outer wrap for Densyl or Denso petrolatum tapes • physical and mechanical protection for petrolatum based tapes as an above ground outer wrap 			
Surface Preparation & Application:	<p>Complete steps, prior to application of Ultraseal RT, as per recommendations made for the inner petrolatum tape application.</p> <p>Apply tape with compound side to inner tape and smooth down by hand. Ultraseal RT is spirally applied with at least a 25mm overlap.</p> <p>It is then coated with Denso Acrylic Coating which quickly sets to form a tough UV resistant outer armouring.</p> <p>To promote adhesion in cold weather it is preferable to warm up the tape to at least 15°C before application.</p>			
Recommended Temperatures:	<p>Application (tape): + 15 to + 50 °C</p> <p>Service: - 20 to + 70 °C</p> <p>Peak: + 75 °C</p>			
Shelf Life: Storage:	<p>≥ 2 years.</p> <p>Store in a cool, dry area away from direct heat and sunlight.</p>			
Available Sizes:	<p>Roll Widths: 50, 100, and 150 mm</p> <p>Roll Lengths: 12 M</p> <p>Other sizes available on request.</p>			
Physical Properties:	Test	Method	Units	Value
	Total Thickness	ASTM D1000	mm	1.10 ± 0.20
	Total Weight	ASTM D751	kg/m ²	1.85 ± 0.15
	Breaking Strength	ASTM D1000	N/mm	≥ 3.0
	Elongation at Break	ASTM D1000	%	45 ± 10
Adhesion	ASTM D1000	N/mm	≥ 2.0	
Limitations:	Not designed as a primary corrosion protection tape for pipe work or steel.			