



TECHNICAL DATA

RAM MARINE TAPE

DESCRIPTION	<p>The RAM Marine Tape Consists of synthetic cloth being saturated with petrolatum, inherit fillers passivating inhibitors and water displacing agents that can be applied to metal above and below water. The RAM Marine Tape is permanently flexible membrane for corrosion prevention/water proofing of metal structures below water and the tidal / splash zone by acting as a lock our coating and is also suitable for water proofing/ exclude of oxygen for timber structures underwater that is unyielding to moisture, acids, alkalis and salt solutions.</p>
USES	<p>For long life corrosion protection , sealing and waterproofing of subsea pipelines, risers and pilings in the offshore envionments of splash and inter - tidal zones where areas are exposed to waves, spray of seawater and atmosphere with high concentration of salt , oxygen and temperature variation.</p>
CHARACTERISTICS	<p>RAM Marine Tape is stable in composition and plasticity over a wide temperature range.</p> <p>RAM Marine Tape is non - hardening and non -cracking. which accommodates vibrations and extreme movement of the substrate</p> <p>RAM Marine Tape is non toxic , no flammable with high dielectric strength and highly resistant to mineral acids, alkalis, salts and bacteria.</p>
APPLICATION	<p>Spirally wrapped using a minimum 2.5cm overlap ; where additional protection is required and for all buried applications, the overlap shall be increased to 55% to ensure a double thickness of material. For vertical applications the wrap shall begin at the bottom and proceed up - providing a "weatherboard" overlap.</p> <p>May apply longitudinally (i.e. " cigarette wrapped") when space is too restricted or confined to apply in preferred spiral manner with the overlap on the topside of the pipe-providing a " weatherboard effect ".</p> <p>At the completion of each roll, smooth the overlaps by hand in the directing of the spiral to ensure sealing of the overlap. Maintain a 5cm overlap when overlapping one roll with the end of a new roll. Overlap must occur on the top half of the pipe.</p>

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DATA SHEET		
PARTICULARS	PROPERTIES	TEST METHOD
THICKNESS	AVG .1.3mm	ASTM-D1000
WEIGHT	1.36KG/m2 avg	
TENSILE STRENGTH	108 n/25mm	ASTM-D1000
CATHODIC DISBONDMENT	EXCELLENT	ASTM-G8
DIELECTRIC RIGIDITY (55% OVERLAP)	7KV min / 1mm	ASTM-D149
WATER VAPOUR PERMEABILITY	0.006 perms avg	ASTM-E96-66A
RESISTANCE TO ACIDS, ALKALIS, SALTS AND BACTERIA	EXCELLENT	
APPLICATION TEMPERATURE		
OPERATION TEMPERATURE	MAX 60	
OTHER RECOMMENDED RAM PRODUCTS		

MEETS ANSI/AWWA C217-90 STANDARD



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