

PREMCOTE 500

PIPELINE CORROSION PROTECTION TAPE

PREMCOTE 500 is a pipeline anti-corrosion tape for use where the risk of damage by impact or stress is moderate
 PREMCOTE 500 has a PVC backing coated with a rubber modified bitumen.

TYPICAL DATA

PROPERTY	TEST METHOD	DATA	UNIT
MECHANICAL			
Backing Film Colour	-	Black	-
Backing Film Type	-	PVC	-
Backing Thickness	ASTM D1000	375	µm
Total Thickness	ASTM D1000	1.1	mm
Elongation	ASTM D1000	300	%
Tape Strength	ASTM D1000	9.0	N/mm
Modulus (50% ext.)	ASTM D1000	2.5/4.0	N/mm
Adhesion (180° peel)			
To Primed Steel	ASTM D1000	3.5	N/mm
To Self	ASTM D1000	3.5	N/mm
Impact Resistance (Two Layers)	ASTM G14	8	Nm
Tear Strength	ASTM D1004	25/30	N
ELECTRICAL			
Dielectric Strength	ASTM D1000	30	KV
Insulation Resistance	ASTM D257	10 ¹²	Ohm
Cathodic Disbondment Resistance		Excellent	
WATER			
Water Vapour Transmission	ASTM E96	0.6	g/m ² /24hr
Water Absorption	ASTM D570	0.2	wt.%
APPLICATION			
Temperature Range Wrapping +		+5 - +50	°C
Temperature Range In Service		-30 - +75	°C

+The substrate must not be less than 3°C above the dew point.

Note - the Typical Data shown in this leaflet is intended as a general guide and is based on tests carried out under controlled conditions. For further information on Product Specification consult Premier Coatings Ltd.