



Outer Mechanical Protection Tape T200



Product Description

Outer mechanical protection tape T200 is a two ply tape with HDPE carrier film and butyl rubber adhesive on one side. It is cold applied tape coating system for corrosion protection of Water, Oil and Gas Pipelines. The T200 achieves a complete bond to the T100 inner layer, providing maximum handling and in-service protection for the coating system. It shall be applied after the inner anticorrosion tape.

Features/Benefits

- Provided in 15mil, 18mil, 20mil, 25mil, 30mil thickness.
- Cold applied,easily and fast,without extra heat.
- Excellent adhesion to inner-layer tape and itself.
- Resistant to UV.
- Protect the coating from damages during the transportation and the installation.
- Application by hand or machine.
- Complies with ASTM D1000,EN12068,DIN30672 standards.

Product Properties

Physical Properties	Test Method	Typical Value	
		English	Metric
Backing color	-	White	White
Tensile strength	ASTM D 1000	51 lbs/in	90N/cm
Elongation	ASTM D 1000	300%	300%
Peel adhesion to inner-layer tape	ASTM D 1000	73oz/in	8 N/cm
Cathodic Disbondment	ASTM G 8	0.252 in radius	6.4mm
Dielectric Strength	ASTM D 149	38.0 KV	38.0 KV
Impact resistance	ASTM G 14	50 in-lbs	5.5 N•m
Volume Resistivity	ASTM D 257	2.5×10 ¹² ohm.cm	2.5×10 ¹² ohm.cm
Water Absorptivity	ASTM D 570	0.05%	0.05%
Water Vapor TransmissioinRate 24h	ASTM F 1249	0.005 g/100sq in/24h	0.075g/ m ² /24h
Application Temperature	-	14°F to 140 °F	-10°C to +60 °C
Max Service Temperature	-	185°F	+85 °C