



## OUTER PROTECTION TAPE

### Product Description

Outer protection tape is a two ply tape with LDPE 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 outer tape achieves a complete bond to 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.
- 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	280%	280%
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	$2.5 \times 10^{12}$ ohm.cm	$2.5 \times 10^{12}$ ohm.cm
Water Absorptivity	ASTM D 570	0.05%	0.05%
Water Vapor Transmissioin Rate	ASTM F 1249	0.005 g/100sq in/24h	0.075g/ m2/24h
Application Temperature	-	14°F to 140 °F	-10°C to +60 °C
Max Service Temperature	-	185°F	+85 °C

## APPLICATION

