



## Double Faced Anticorrosion Tape T400



### Product Description

Double faced anticorrosion tape T400 is a three ply tape with HDPE carrier film and butyl rubber adhesive on two sides. It is cold applied tape coating system designed for the corrosion protection of pipelines operating in highly corrosive environments and exposed to high mechanical stresses that may be present particularly on large diameter pipes.

The double faced anticorrosion tape T400 assures a strong cohesive bond to the primed steel surface, at the spiral overlap and to the mechanical outer layer.

### Features/Benefits

- Provided in 20mil, 25mil, 30mil thickness.
- Cold applied, easily and fast, without extra heat.
- Resistance to the cathodic disbondment.
- Long term corrosion protection.
- Compatible with common pipe coatings.
- Application by hand or machine.
- Complies with ASTM D1000, EN12068, DIN30672 standards.



### Product Properties

Physical Properties	Test Method	Typical Value	
		English	Metric
Tensile strength	EN 12068	51 lbs/in	90N/cm
Elongation	EN 12068	300%	300%
Shear Resistance	EN 12068	139 oz/sqin	0.06 N/mm <sup>2</sup>
Peel Adhesion to Primed Steel	EN 12068	311 oz/in	34 N/cm
Peel Adhesion Inner to Inner	EN 12068	311 oz/in	34 N/cm
Peel Adhesion Outer to Inner	EN 12068	329oz/in	36N/cm
Peel Adhesion Outer to Outer	EN 12068	88oz/in	9.6N/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 <sup>12</sup> ohm.cm	2.5×10 <sup>12</sup> ohm.cm
Water Absorptivity	ASTM D 570	0.05%	0.05%
Water Vapor Transmission Rate 24h	ASTM F 1249	0.005 g/100sq in/24h	0.075g/ m <sup>2</sup> /24h
Application Temperature	-	-29°F to 185 °F	-34°C to +85 °C
Max Service Temperature	-	185°F	+85 °C