



Polyethylene Protective Tapes (Outer tape - T200)

The YUXI T200 series is Cold applied tape coating system for corrosion protection of Oil, Gas, Petrochemical, and Waste Water underground or overhead pipelines. The outer-layer tape backing shall be compounded so that it will be resistance to outdoor weathering.

The outer-layer tape shall be applied after the inner-layer tape by hand or with a wrapping machine.

STRUCTURE

The specification of the tape consists of two layers, adhesive layer and film backing

Adhesive: butyl rubber

Film backing: Special blend of stabilized polyethylene

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FEATURES

- ▶ Excellent adhesion to inner-layer tape and self
- ▶ Resistant to UV
- ▶ Can be applied over a wide temperature range
- ▶ Good conformability and consistent uniform thickness
- ▶ Easily applied with no special equipment
- ▶ Compatible with common pipe coatings
- ▶ Excellent resistance to cathodic disbonding
- ▶ Meets ASTM D 1000 and other Int' l Standards
- ▶ Cold applied



SPECIFICATIONS

Item & Standard	T-250	T-265	T-275
Total Thickness (ASTM D 1000)	0.510mm	0.635mm	0.762mm
Backing Thickness (ASTM D 1000)	0.380mm	0.500mm	0.580mm
Adhesive Thickness (ASTM D 1000)	0.130mm	0.135mm	0.182mm
Elongation at Break (ASTM D 1000)		≥400%	
Tensile Strength (ASTM D 1000)	70N/cm	73N/cm	78N/cm
Yield Strength (ASTM D 1000)	41N/cm	46N/cm	52N/cm
Peel Adhesion to inner tape (ASTM D1000)		≥5N/cm	
Dielectric Strength (ASTM D 1000/D 149)	36KV	45KV	48KV
Cathodic Disbandment (ASTM G8)		0.24 in radius 6.4mm	
Volume Resistivity(ASTM D257)		2.5 x 10 ¹² ohm·m	
Water Vapor Transmission Rate (ASTM F1249)		0.1 gm/M ² /24h	
Water Absorption Rate (ASTM D 570)		<0.10%	
Recommended Application Temperature		-5 to+60°C	
Color		White	
Max Serve Temperature		-40 to+85°C	
Available Roll Size (width x length)		2" to 32"X50' to 800'	