



Polyethylene Joint Wrap Tapes (T300)

The YUXI T300 series is Cold applied tape coating system for anti corrosion of field joints, fittings, and specifically piping. The adhesive is a key in ground performance characteristic coupled with the low and high density polyethylene backing.

The Joint wrap tape shall be applied by hand or with a wrapping machine.

STRUCTURE

The specification of the tape consists of two or three layers, adhesive layer and film backing, some customer like add one layer release paper.

Adhesive: butyl rubber

Film backing: Special blend of stabilized polyethylene

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FEATURES

- ▶ Heavy duty adhesive
- ▶ Resistant to UV
- ▶ Can be applied over a wide temperature range
- ▶ Good conformability and consistent uniform thickness
- ▶ Easily applied with no special equipment
- ▶ Conformable to irregular shapes.
- ▶ Meets ASTM D 1000 and other Int' l Standards
- ▶ Cold applied



SPECIFICATIONS

Item & Standard	T-380	T-390	T-3100	T-3130
Total Thickness (ASTM D 1000)	0.76mm	0.89mm	1.02mm	1.27mm
Backing Thickness (ASTM D 1000)	0.28mm	0.30mm	0.35mm	0.50mm
Adhesive Thickness (ASTM D 1000)	0.48mm	0.59mm	0.67mm	0.77mm
Tensile Strength (ASTM D 1000)	50N/cm	55N/cm	60N/cm	63N/cm
Elongation (ASTM D 1000)	≥400%			
Adhesion to Primed Pipe (ASTM D 1000)	28N/cm	30N/cm	32N/cm	35N/cm
Dielectric Strength (ASTM D 1000/D 149)	42KV	43KV	44KV	45KV
Volume Resistivity (ASTM D 257)	≥2.5x10 ¹² Ω.m			
Water Vapor Transmission Rate (24h) (ASTM F1249)	≤0.1g/m ²			
Water Absorption Rate (ASTM D 570)	≤0.1%			
UV Resistance 600h	≥80%			
Recommended Application Temperature	-5 °C to +60°C			
Color	Black, White, Blue or others			
Max Serve Temperature	-40 to +85°C			
Available Roll Size (width x length)	2"to32"X30 to 800'			