



## **Polyethylene Bitumen Tapes (T600)**

---

The YUXI T600 series is Cold applied tape coating system for corrosion protection of Oil, Gas, Petrochemical, Waste Water underground or overhead pipelines and waterproofing.

The Bitumen tape shall be applied after the primer by hand or with a wrapping machine.

### **STRUCTURE**

The specification of the tape consists of three layers

Adhesive: Butyl rubber Bituminous Compound and Adhesion Promoting Resins

Film backing: Special blend of stabilized polyolefin

Interleaf: Anti adhesive Film Treated with Silicone

Office: +86(574)8388 2233

Dongxi, Xinqiao, Xiangshan  
Ningbo 315725, P.R.China

[info@yuxi-anode.com](mailto:info@yuxi-anode.com)

[www.yuxi-anode.com](http://www.yuxi-anode.com)

## FEATURES

- ▶ Heavy duty butyl bitumen compound adhesive
- ▶ Excellent adhesion to pipe and self
- ▶ Flexibility provides extra protection at vulnerable areas
- ▶ Excellent conformability and consistent uniform thickness
- ▶ Easily applied with no special equipment
- ▶ Compatible with common pipe coatings
- ▶ Excellent resistance to cathodic disbonding
- ▶ Resistant to UV
- ▶ Can be applied over a wide temperature range
- ▶ Good conformability and consistent uniform thickness
- ▶ Cold applied



## SPECIFICATIONS

PHYSICAL PROPERTIES	UNIT	TEST METHOD	TYPICAL VALUES			
Total Thickness	mil	ASTM D 1000	40mils	50mils	60mils	65mils
Tensile Strength	lb/in	ASTM D 1000	30(5kg/cm)	35(6.3kg/cm)	39(7kg/cm)	42(7.5kg/cm)
Elongation	%	ASTM D 1000	400	400	450	500
Length			10m-100m			
Width			50mm-800mm			
	oz/in	ASTM D 1000	269(3kg/cm)	296(3.3kg/cm)	314(3.5kg/cm)	340(3.8kg/cm)
To Backing	oz/in	ASTM D 1000	90(1kg/cm)	90(1kg/cm)	117(1.3kg/cm)	135(1.5kg/cm)
Dielectric Strength	KV/mm	ASTM D 1000	42	42.6	43	43.8
Volume Resistivity	ohm-m	ASTM D 257	2.5X10 <sup>12</sup>	2.5X10 <sup>12</sup>	2.5X10 <sup>12</sup>	2.5X10 <sup>12</sup>
	g/m <sup>2</sup> /24h	ASTM E 96	0.06	0.05	0.03	0.02
Water Absorptivity	%	ASTM D 570	0.1			
	F		-31-+160(-35-+70°C)			
	F		-40-+176(-40-+80°C)			