

**T500 Polypropylene Cold-applied Wrap Tape**



**For corrosion protection of oil, gas, petrochemical, and waste water underground or overhead pipelines.**

**Product description:**

**Construction:** Three-layer system

**Adhesives:** Butyl rubber bituminous compound.

**Backing:** PP woven fabric cloth.

**Interleaf:** Anti-adhesive film treated with silicone

**Product features/benefits:**

**For waterproof:**

- Cold applied.
- High resistance to bad weather environment
- Good performance itself to keep dry
- Easily application & installation.
- Suitable for a wide range of temperatures
- Compatible primers
- Safe, clean

**For pipes protection:**

- Cold applied
- Excellent adhesion to pipe
- 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

**Product properties:**

Backing colour		Black, yellow or others	
Inner wrap		T5100, T5130, T5150, T5165	
Product Properties	Test Method	T5130 Typical Value	
		English	Metric
Total thickness	ASTM D 1000	50.0 mil	1.27 mm
Width	-	2"- 39.5"	50 -1000 mm
Length:	-	33"- 200"	10-60 m
Tensile strength	ASTM D 1000	35 lbs/in	63 N/cm
Peel Adhesion to primed interface		296 oz/in	33 N/cm
Cathodic disbandment	ASTM G8	0.25 in radius 6.4 mm	
Dielectric strength	ASTM D 149	43KV	
Volume Resistivity	ASTM D 257	2.5x10 <sup>12</sup> ohm.cm	
Water Absorption	ASTM D 570	0.05%	
Water Vapor Transmission Rate (24h)	ASTM E 96	0.01g/100sq in/24h	0.1g/100sq mm/24h

UV resistance		Excellent	
Application Temperature		23°F -140°F	-5 °C - 60 °C
Max Service Temperature		-4°F -176°F	- 20 °C - 80°C

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