

T600 PE Butyl Bitumen Tape

T600 PE butyl bitumen tape for corrosion protection of Oil, Gas, Petrochemical, Waste Water underground or overhead pipelines and waterproofing.

The specification of the tape consists of three layers,

Adhesive: Butyl rubber (BR) or Butyl rubber Bituminous Compound (BC)

Film backing: Special blend of stabilized polyolefines.

Interleaf: Anti-adhesive Film Treated with Silicone.

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.

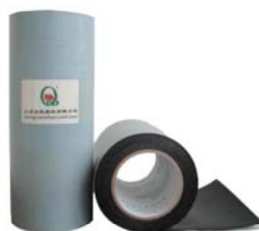
Resistant to UV.

Can be applied over a wide temperature range .

Good conformability and consistent uniform thickness.

Cold applied.





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Bitumen Tape**

Technical Data Sheet

Physical Properties	Test Method	T660-45	T660-48	T660-55	T660-60	T660-65
Total Thickness	ASTM D 1000	1.15mm	1.20mm	1.40mm	1.50mm	1.65mm
Backing Thickness	ASTM D 1000	0.25mm	0.25mm	0.35mm	0.45mm	0.50mm
Adhesive Thickness	ASTM D 1000	0.90mm	0.95mm	1.05mm	1.05mm	1.15mm
Tensile Strength	ASTM D 1000	>60 N/cm (>34.3 lbs/in)				
Elongation	ASTM D 1000	>300% (>300%)				
Peel strength to Primed Steel at						
At 23 °C	ASTM D 1000	>80 N/cm (>731oz/in)				
At 50 °C	ASTM D 1000	>10.5 N/cm (>96 oz/in)				
Adhesion to backing at	ASTM D 1000	>8.5 N/cm (>77.7 oz/in)				
Cathodic Disbondment	ASTM G 8	8.0mm (0.315 in radius)				
Water Absorption Rate	ASTM D 570	<0.10% (<0.10%)				
Water Vapor Transmission Rate	ASTM F 1249	<0.1 g/m ² ·24h (<0.0064g/100sqin/24h)				
Insulation Resistance	ASTM D 257	2.5×10 ¹⁵ ohm.cm (2.5 by 10 E 15 Mohm)				
Dielectric Strength	ASTM D 149	28 KV (28 KV)				
Impact Resistance	ASTM G 14	15 N·m (133 in-lbs)				
Color	Black , White , yellow or other					
Tape width in inches	50mm (2"), 101mm (4"), 152mm (6"), 228mm (9"), 305mm (12"), 457mm (18"), 610mm (24"), 750mm (29.5"), 800mm (31.5"), 1000mm (39")					
Tape roll length in feet	15m(50ft),25m(82ft),30m(98ft),50m(164ft),61m(200ft),100m(328ft),122m(400ft)					
Core size	38mm(1.5"), 76mm(3") core of paper or hard plastic					
Application Temperature	-34 °C to +120 °C (-29 °F to 120 °F)					
Operating Temperature	+120 °C (248 °F)					