

Polyethylene Outer Wrap Tape

1. Introduce



CBT-FW series of polyethylene inner wrap tape is specifically designed for corrosion protection of buried or overhead pipelines in oil, gas and petrochemical areas. It has two layers, butyl rubber adhesive and polyethylene backing. It is a composite polyethylene anti-corrosion system, before installing the outer tap for mechanical protection, we should install the inner tape for anti-corrosion.

2. Technical Data

Property	Test Method	CBT-FW
Backing & Adhesive		
Tensile Strength (psi)	ASTM D1000	≥2900
Elongation (%)	ASTM D1000	≥300
Dielectric (KV/mm)	ASTM D149	≥40
Volume Resistance (Ω.cm)	ASTM E257	≥2×10 ¹²
Water Proof (%) (WT)	ASTM D570	<0.2
Water Vapor Transmission Rate	ASTM F1249	<0.2
Installed Product		
Peel Strength/BACKING (N/cm) @23°C	ASTM D1000	≥25
Peel Strength/PRIMER STEEL (N/cm) @23°C	ASTM D1000	≥5
Cathodic Disbonding (mm rad)@23°C	ASTM G 8	≤8

Please contact us for more details

3. Application Data

Size	CBT-FW-	T240 T250 T255 T265
Color	-	Black, White, Yellow, Red, etc
Tape Thickness	Backing Thickness	mm 0.27 0.37 0.40 0.50
	Adhesive Thickness	mm 0.13 0.13 0.15 0.15
	Total Thickness	mm 0.40 0.50 0.55 0.65

Other thickness can be customized

4.Purchase Guide

Example: CBT-FW-T240X20000 (mm)

- 1、**CBT-FW**: Product code,measure unit:PC,ROLL,M².
- 2、**T240**: CBT-FW size.
- 3、**20000**: CBT-FW length,range: 10000-40000mm.

The primer can be packed in drum form,which can adapter to the cold applied tape.