

PE Cold applied Tape Outer tape

Cold applied tape coating system

System description:

The CYGCT-outer tape series is Cold applied tape coating system for corrosion protection of Oil, Gas, Petrochemical, and Waste Water underground or overhead pipelines. The outer-layer tape backing shall be compounded so that it will be resistance to outdoor weathering.

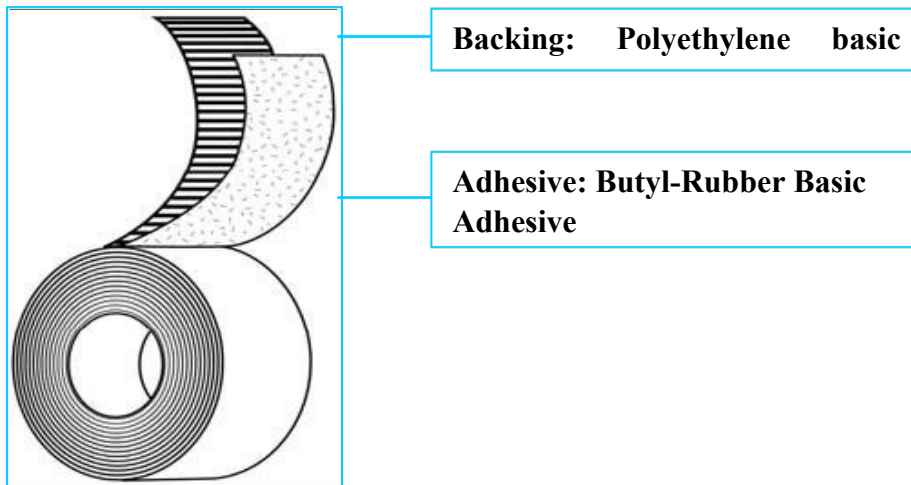
The outer-layer tape shall be applied after the inner-layer tape by hand or with a wrapping machine

Structure:

The specification of the tape consists of two layers, adhesive layer and film backing

Adhesive: butyl rubber

Film backing: Special blend of stabilized polyethylene



Features:

- Excellent adhesion to inner-layer tape and self
- Resistant to UV
- Can be applied over a wide temperature range
- Good conformability and consistent uniform thickness
- Easily applied with no special equipment
- Compatible with common pipe coatings
- Excellent resistance to cathodic disbonding
- Meets ASTM D 1000 Standard
- Cold applied

Specification

Physical Properties	Test Method	Typical Value	
		Metric	
Total thickness	ASTM D 1000	1.0mm	
Backing thickness	ASTM D 1000	0.4mm	
Adhesive thickness	ASTM D 1000	0.6mm	
Width	-	50 -800 mm	
Length	-	30 -240 m	
Backing color	-	Black or others	
Tensile strength	ASTM D 1000	70 N/ cm	
Elongation	ASTM D 1000	400 %	
Peel Adhesion to inner-layer tape	ASTM D 1000	23 N/cm	
Cathodic Disbandment	ASTM G8	0.25 in radius 6.4 mm	
Dielectric Strength	ASTM D 149	30 Kv	
Volume Resistivity	ASTM D 257	2.5x10 ¹² ohm.cm	
Water Absorptivity	ASTM D 570	0.2 %	
Water Vapor Transmission Rate (24h)	ASTM F1249	0.01g/100sq in/24h	0.1g/100sq mm/24h
UV resistance	-	Excellent	
Application Temperature	-	-40°F-140°F	-40 °C - +60 °C

Note: Custom-made is available to meet any customer special demand.

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