



JOINT WRAP TAPE, REPAIR TAPE, PIPE FITTING TAPE

I System description:

The XUNDA-T300 series is Cold applied tape coating system for anti corrosion of field joints, fittings, and specifically pipeing. The adhesive is a key in ground performance characteristic coupled with the low and high density polyethylene backing.

The **Joint wrap tape** shall be applied by hand or with a wrapping machine.

II Structure:

The specification of the tape consists of 2/3 layers, adhesive layer and film backing. Maybe have one release film layer.

Adhesive: butyl rubber

Film backing: Special blend of stabilized polyethylene

III Features:

Heavy duty adhesive

Resistant to UV

Can be applied over a wide temperature range

Good conformability and consistent uniform thickness

Easily applied with no special equipment

Conformable to irregular shapes.

Meets ASTM D 1000 Standard

Cold applied



IV Physical Properties:

XUNDA-T 3100 :

Physical Properties	Test Method	Typical Value	
		English	Metric
Total thickness	ASTM D 1000	40.0 mil	1.00 mm
Backing thickness	ASTM D 1000	14.0 mil	0.35 mm
Adhesive thickness	ASTM D 1000	26.0 mil	0.65 mm



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Jining Xunda Pipe Coating Materials Co.,Ltd

Width	-	2"- 32 "	50 -800 mm
Length	-	100' -800 '	30 -240 m
Backing colour	-	Black, Yellow, Gray or others	
Tensile strength	ASTM D 1000	53 N/ cm	
Elongation	ASTM D 1000	450 %	
Peel Adhesion to primed steel pipe	ASTM D 1000	35 N/cm	
Cathodic Disbandment	ASTM G8	0.25 in radius 6.4 mm	
Dielectric Strength	ASTM D 149	42 Kv	
Volume Resistivity	ASTM D 257	1.2x10 ¹² ohm.cm	
Water Absorptivity	ASTM D 570	0.1%	
Water Vapor Transmission Rate (24h)	ASTM F1249	0.01g/100sq in/24h	0.1g/100sq mm/24h
Application Temperature		14°F -140°F	-10 °C - 60 °C
Max Service Temperature		-40°F -176°F	- 40 °C - 80 °C