



Viscous-elastic Anticorrosion Tape T900

Product Description

Viscous-elastic Anticorrosion Tape T900 is a cold-applied, non-crosslinked, non-crystalline solid polyolefin coating in roll form used for the corrosion protection of shaped and non-shaped substrates of under- and aboveground.

T900 offers the pipeline industry an unrivaled visco-elastic technology when it comes to corrosion prevention. The viscosity modulus provides permanent wetting characteristics whereas the elasticity modulus provides the strength and elasticity of a solid. So T900 always has a permanent and intimate contact with the steel or factory coatings like PE, PP and FBE.

T900 is used as a corrosion protective inner wrap and an additional flexible mechanical protective outer wrap is required, that can be a PE, PVC or PU composite outer wrap.



Features/Benefits

- Adhesion to the substrate without primer.
- No curing time.
- Easy in use, can be moulded onto irregular shaped objects.
- Permanent wetting characteristics .
- Self healing in case of small damages.
- Cohesive fracture.
- Impervious to moisture and gases.
- Extreme high chemical resistance.
- No reactive groups and no deterioration in the course of time.





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Product Properties

Physical Properties	Test Method	Value
Material State	--	Solid
Thickness	ISO 4593:1993(E)	2.0mm±0.2mm
Density	DIN 53479	1.1 ± 0.1 g/cm ³
Elongation	ASTM D 1000	200%
Water Absorptivity	ASTM D 570	0.02%
Water Vapor Permeability	ASTM E96	0.2 g/m ² /day
Drip resistance	ISO 21809-3/A1	No dripping of compound
Dielectric Strength	ASTM D 149	20 kV/mm
Tensile Strength	ASTM D 638	120 N/cm
Peel Adhesion (total system)	ASTM D1000	cohesive fracture
Chemical resistance in aggressive soils	Excellent No deterioration, No corrosion, 72 hours at 70° C	cohesive fracture 1. Sulfuric acid 30% 2. Nitric acid 10% 3. Fosforic acid 20% 4. Chloric acid 10%