

UV-Curing fiberglass tape

Product Description

UV-Curing fiberglass tape is an epoxy polyurethane resin pre-impregnated fiber-reinforced outer wrap material, curing by means of Ultraviolet light. It is applied as an additional mechanical protection layer on the corrosion preventing coating systems of pipelines to provide a high performance protection against mechanical impacts, weathering, UV-radiation and chemicals.

Features/Benefits



- Excellent adhesion to pipe and self.
- It can be applied over a wide temperature range.
- Long term corrosion protection.
- Compatible with common pipe coatings.
- Application by hand or machine, cold applied.
- Complies with ASTM D1000, EN12068, DIN30672 standards.

Product Properties

Physical Properties	Test Method	Value
Material State	--	Solid
Thickness	ISO 4593:1993(E)	2.5mm ± 0.2mm
Density	ISO 1183	4000 g/m ²
Light Sources For Curing	--	UV-A lamps or Sunlight
Application Temperature	--	-30°C to +85 °C
Tensile Strength	ISO 527-4	250MPa
Compressive Strength	ISO 14126	500 MPa
Flexural Strength	ISO 14125	480MPa
Abrasion Resistance	ASTM D4060	70 cycles/micron
Hardness	ASTM D2240	Barcol: ≥ 50
		Shore D: ≥ 85
Impact Resistance	ASTM G14	65J

APPLICATION

