

Densoclad 50HT

Medium-duty anti-corrosion tape for long-term corrosion protection

Composition

Densoclad 50HT is comprised of polymer modified bitumen coated onto a tough, plasticised PVC film. The bitumen compound is protected by a release paper, wider than the tape, which is discarded during application.

Uses

Densoclad 50HT is designed for the protection of small and medium diameter pipes, welded joints, bends and fittings. The combination of tough, yet conformable PVC backing and polymer bitumen compound ensures good contact with the metal substrate and excellent adhesion.

Service Temperature: -20°C to +75°C

Characteristics

Densoclad 50HT is:

- extremely conformable,
- suitable for hand or machine application,
- resistant to cathodic disbondment, and
- resistant to acid, alkali and salts.

Typical Properties

Total Thickness	1.12 mm	ASTM D1000
Backing Film Thickness	0.37 mm	ASTM D1000
Compound thickness	0.75 mm	ASTM D 1000
Weight	1.3 kg/m ²	
Elongation at break	260%	ASTM D1000
Tear strength	30 N/mm	ASTM D1000
Adhesion (180° peel)		
<i>to primed steel</i>	3 N/mm	ASTM D1000
<i>to self</i>	3 N/mm	(24 hrs)
Impact Resistance (two layers)	4 Nm	ASTM G14
Dielectric Strength	30 kV/mm	ASTM D1000
Insulation Resistance	10 ⁶ MΩ	ASTM D257

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