

# Densoclad 70

A heavy-duty anti-corrosion tape for long-term corrosion protection

## Composition

Densoclad 70 is comprised of a tough PVC backing coated with rubber-modified bitumen compound. The compound is protected by an interleaving removed during application.

## Uses

Densoclad 70 is used for the long-term protection of medium and large-diameter pipelines, welded joints, bends and fittings and in heavy soils where there is high risk of soil stress or damage.

Service temperature: -20°C to +60°C

## Characteristics

Densoclad 70 is:

- resistant to cathodic disbondment,
- suitable for use in heavy soils, and
- suitable for use where damage risk is high.

## Typical Properties

Thickness		
<i>Backing</i>	0.75 mm	ASTM D1000
<i>Adhesive</i>	0.90 mm	
<i>Total</i>	1.65 mm	
Tape Strength	10 N/mm	ASTM D1000
Elongation at Break	300%	ASTM D1000
Modulus (50% extension)	3.0 N/mm	ASTM D1000
Adhesion Peel strength		
<i>To primed steel</i>	3.0 N/mm	ASTM D1000
<i>To self</i>	3.0 N/mm	
Impact Resistance (two layers)	9 Nm	ASTM G14
Dielectric Strength	40 kV	ASTM D1000
Insulation Resistance	10 <sup>6</sup> MΩ	ASTM D257
Water Vapour Transmission	0.4 g/m <sup>2</sup> /24hrs	ASTM E96
Water Absorption	0.15% (wt.)	ASTM D570

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