

# Densoclad 40HT

Anti-corrosion tape for long-term corrosion protection of buried or immersed pipes and fittings

## Composition

Densoclad 40HT 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 40HT is designed for the protection of small and medium diameter pipes, welded joints, bends and fittings. The combination of extremely 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 40HT is:

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

## Typical Properties

|                                |                       |             |
|--------------------------------|-----------------------|-------------|
| Total Thickness                | 1.05 mm               | ASTM D1000  |
| Backing Film Thickness         | 0.15 mm               | ASTM D1000  |
| Compound thickness             | 0.90 mm               | ASTM D 1000 |
| Weight                         | 1.2 kg/m <sup>2</sup> |             |
| Elongation at break            | 200%                  | ASTM D1000  |
| Tear strength                  | 12 N/mm               | ASTM D1000  |
| Adhesion (180° peel)           |                       |             |
| to primed steel                | 3.5 N/mm              | ASTM D1000  |
| to self                        | 3.5 N/mm              | (24 hrs)    |
| Impact Resistance (two layers) | 2.5 Nm                | ASTM G14    |
| Dielectric Strength            | 20 kV/mm              | ASTM D1000  |
| Insulation Resistance          | 10 <sup>6</sup> MΩ    | ASTM D257   |

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