

## 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 <sup>2</sup> |             |
| Elongation at break            | 260%                  | ASTM D1000  |
| Tear strength                  | 30 N/mm               | ASTM D1000  |
| Adhesion (180° peel)           |                       | ASTM D1000  |
| to primed steel                | 3 N/mm                | (24 hrs)    |
| to self                        | 3 N/mm                |             |
| Impact Resistance (two layers) | 4 Nm                  | ASTM G14    |
| Dielectric Strength            | 30 kV/mm              | ASTM D1000  |
| Insulation Resistance          | 10 <sup>6</sup> MΩ    | ASTM D257   |

### Application

See *Instructions for Use* for further details.

Primer: Denso Primer D

Densoclad 50HT is applied over Denso Primer D by wrapping spirally around the pipe with 55% overlap.

Application Temperature: +15°C to +50°C

### Availability

Densoclad 50HT is available in 12m rolls,

- core diameter (internal): 76 mm
- 50 to 300 mm widths.

Other sizes may be available on request.

### Storage conditions

Store in a cool dry place in original packaging.

### Waste material

Please avoid or minimise waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

Important: Winn & Coales (Denso) Ltd pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request. Winn & Coales (Denso) Ltd operate a Quality Management System registered to BS EN ISO 9001 (BSI Certificate no. FM01548) and an Environmental Management System registered to BS EN 14001 (BSI Certificate 583748).