

Densoclad 55HT

Heavy-duty corrosion protection tape for buried or immersed pipes and fittings

Composition

Densoclad 55HT is comprised of a thick polymer-modified bitumen compound laminated to a tough PVC backing. The compound layer is protected by an interleaving, which is wider than the tape and is removed during application

Uses

Densoclad 55HT is a robust heavy-duty tape designed for the corrosion protection of medium and large diameter, buried or immersed pipes, welded joints, bends and fittings. The combination of a tough PVC backing and a thick, polymer-modified bitumen compound layer ensures complete protection and exceptional resistance to damage by impact or poor backfill and in aggressive ground conditions. Densoclad 55HT has been formulated for use in hot and tropical climates

Service Temperature: -20°C to +75°C

Characteristics

Densoclad 55HT is:

- resistant to water, water vapour and gases,
- resistant to acids, alkalis and salts, and
- exceptionally resistant to damage.

Application

See *Instructions for Use* for additional detail.

Densoclad 55HT is suitable for machine or hand application and to steel or ductile iron pipe.

Recommended primer: Denso Primer D

Ensure surface is clean, dry and free from grease and prepared to Swedish Standard St 3 by thorough hand/power wire brush or Swedish Standard Sa 2 ½ by abrasive blast cleaning. Apply one coat of primer and allow drying prior to applying tape product.

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

Availability

Densoclad 55HT is available in 12 meter rolls in widths from 50 mm to 300 mm. Other sizes may be available upon request.

Storage conditions

Store in a cool and 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.

Densoclad 55HT

Typical Properties

Colour	Black	Visual
Thickness		
<i>PVC Backing</i>	0.50 mm	ASTM D1000
<i>Adhesive</i>	1.10 mm	
<i>Total</i>	1.60 mm	
Core Size	76 mm I.D.	
Breaking Strength	10.0 N/mm	ASTM D1000
Elongation @ Break	300% average	ASTM D1000
Tear strength	35 N	ASTM D1004
Adhesion Strength (180° peel)		
<i>To Primed Steel</i>	3.0 N/mm	ASTM D1000 - 24h
<i>To Self</i>	3.0 N/mm	ASTM D1000 - 24h
Impact Resistance	8 Nm	ASTM G14
Dielectric Strength	30 kV	ASTM D1000
Insulation Resistance	10 ⁶ MΩ	ASTM D257
Resistance to Cathodic Disbondment	Excellent	ASTM G8 – 30 days

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).

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