

DENSO ULTRAFLEX 1500

Cold Applied Bituminous Tape

Description

A heavy-duty PVC backing coated with a bitumen based adhesive compound. Includes release liner (interleaving) which is removed prior to use, for ease of application and handling.

Uses

Corrosion protection of steel pipelines, joints, concrete culverts, welds, bends and fittings.

Features

- Sticks and bonds rapidly and permanently to clean, dry primed surfaces
- Fast and simple application by hand or machine
- Flexible, long lasting, self-sealing to minor substrate blemishes
- Secure lap sealing on edges and overlaps
- Specially designed high impact PVC backing for rugged durability and a high degree of conformability and controlled elasticity
- Non hardening or cracking
- Accommodates vibration and movement of substrate
- Highly resistant to mineral acids, alkalis and salts
- Will adhere and remain attached to petrolatum based tapes
- Highly resistant to cathodic disbondment
- Contain no volatile components

Application

Prepare steel to St2 (power brushed) / AS 1627 P.2 (minimum). Edges should be chamfered to remove step down. Abrade approximately 100 mm band of any pre-existing factory coatings and solvent (toluene) degrease either side of the joint.

Priming: Denso Primer D can be applied to the prepared substrate at a rate of 9-11 m²/L and allowed to tack-dry (10 to 20 minutes).

Profiling: irregular surfaces such as valves, flanges, etc. may require the use of Denso Bitumen Mastic. Refer to the product sheets for these specific products for information on application and selection.

Wrapping: Apply Denso Ultraflex 1500 Tape with compound side to substrate, creating a 55% overlap of tape to effectively provide a double layer. Smooth down and mould tape by hand, especially at overlapped edges.



Denso Ultraflex 1500 Tape

Property Specifications

PROPERTIES	VALUE
Breaking Strength (ASTM 1000)	8.0 N/mm
Elongation at Break (ASTM D1000)	250%
Adhesion Peel Strength (ASTM D1000, 24 h @23°C)	
To Steel	3.0 N/mm
To Self	3.0 N/mm
Impact Strength (ASTM G14, BGC/PS/CW2)	
Round Tup	7.0 J
Chisel Tup	3.5 J
Dielectric Strength (ASTM D149)	≥ 30 kV
Resistance to Cathodic Disbonding (ASTM G8, 30 days)	< 160 mm ² , Group A
Application Temperature	15°C to 50°C
Service Temperature	-20°C to 65°C
Peak Intermittent Temperature	70°C
Thickness (ASTM D1000)	1.50 ± 0.13 mm
Width	50 mm, 100 mm, 150 mm
Length	10 m
Weight	1.75 ± 0.13 kg/m ²
Recommended Primer	Denso Primer D
Colour	Black

STORAGE: In a cool, dry place, away from direct heat and sunlight.



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