

DENSO FB 30 TAPE

Butyl Rubber With Fabric Backing

Description

Denso FB 30 Tape is a self-adhesive butyl rubber adhesive tape with a polyester fabric backing.

Uses

The tape is used in conjunction with the Denso Tank Base Protection System to seal and protect tank chimes. Can also be used as an outer coating over Denso Petrolatum Tapes or applied direct to steel surfaces.

Features

- Excellent adhesion
- Aggressive Grip
- Good conformability and consistent uniform thickness
- Easily applied with no special equipment
- Compatible with most coatings
- Cold applied
- Stays Flexible
- Easy and fast application
- Fabric backing allows for top coating
- AS/NZS 4020:2015 compliant up to exposed area to volume ratio of 1000 mm²/L (each side) for use with potable water

Application

For Tank Base Protection System: Prepare surfaces by removing all grease, scale, dirt and rust on the steel and concrete surface. To assure adhesion the surface must be clean, dry and free of grease. Peel back interleaving and apply adhesive side of the tape to the surface and press down. Apply first layer of Denso FB 30 Tape starting at a minimum of 1" (25 mm) below the Denso Hi-Tack Tape and proceed circumferentially around the concrete and tank base. (Note: Denso FB 30 Tape is easier to apply when product is kept between 60°F and 90°F / 16°C and 32°C). If a second layer is required to reach the steel tank base there shall be a minimum of a 1" (25 mm) overlap onto the first layer of Denso FB 30 Tape. Make sure all seams and overlaps are pressed out and adhered. A top coat can be immediately applied after Denso FB 30 Tape is installed.

For Direct to Steel: Prepare surfaces by removing all grease, scale, dirt and rust on the steel and concrete surface. To assure adhesion, the surface must be clean, dry and free of grease. Apply thin film of Denso Butyl Primer to all surfaces to be wrapped and allow to dry. Peel back interleaving and apply adhesive side of the tape to the surface and press down. Apply the tape spirally with enough tension to make it conform. Remove interleaving as wrapping proceeds. Overlap each turn by at least 1" (25 mm) or 55% to achieve double thickness. Make sure all overlaps are pressed out and adhered. A top coat can be immediately applied after Denso FB 30 Tape is installed.



Denso FB 30 Tape

Property Specifications

PROPERTIES	VALUE
Adhesive	Modified Butyl
Backing	Polyester
Tensile Strength	5.45 MPa
Elongation at Break (ASTM D1000)	560% avg.
Dielectrical Strength (ASTM D1000)	20 kV
Water Vapor Transmission (ASTM E398)	< 0.2 g/64520 mm ² / 24 hour
Bonding Time	Immediate
Resistance to Hydrocarbons	Good
Peel Strength	76 N
Resistance to Acids, Alkalis and Salts	Excellent
Temperature Range	
For Application	2°C to 46°C
For Continuous Service	-17.78°C to 60°C
Dimensions	
Roll Length	15.24 m
Width	50 mm, 100 mm, 150 mm
Thickness (ASTM D1000)	635 microns
Colour	White (fabric)

Quantity Estimates

Tape Width	Rolls*/Case	Coverage with 1" (25 mm) Overlap	Coverage with 55% Overlap
in.	ea.	ea.	ea.
2" (50 mm)	24	100 ft ² /case (9.3 m ² /case)	100 ft ² /case (9.3 m ² /case)
4" (100 mm)	12	150 ft ² /case (14 m ² /case)	100 ft ² /case (9.3 m ² /case)
6" (150 mm)	8	167 ft ² /case (15.5 m ² /case)	100 ft ² /case (9.3 m ² /case)

All rolls are 50 feet (15 m) in length.

Other roll widths are available on request.



DENSO (AUSTRALIA) PTY LTD

77 - 95 National Boulevard

Campbellfield, VIC 3061

Tel: +61 3 9356 7600

Fax: +61 3 9356 7699

www.densoaustralia.com.au

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