

DENSO BUTYL 35™ TAPE

Polyethylene/Butyl Rubber Pipeline Tape - Black

Description

Denso Butyl 35 Tape is a polyethylene backed tape with a butyl rubber adhesive. It is compatible with coal tar, fusion bond epoxy, asphalt and polyethylene pipeline coatings.

Uses

- Above and below ground piping
- Specialty piping
- Field weld joints
- Fittings & Tees

Features

- Excellent adhesion to pipe and self
- Resistant to UV
- Good conformability and consistent uniform thickness
- Easily applied with no special equipment
- Compatible with common pipe coatings
- Excellent resistance to cathodic disbonding
- Meets AWWA C209 Standard
- Cold applied with high tack adhesive
- Strong bond with excellent sealing properties

Surface Prep

Prepare surfaces by removing all loose scale, rust or other foreign matter in accordance to SSPC-SP2 (Hand Tool Cleaning), SSPC-SP3 (Power Tool Cleaning) or SSPC-SP6 (Commercial blast). Surface must be clean, dry and free of grease.

Application

If required apply primer to surface prior to applying tape and allow to dry. The minimum roll temperature for application shall be 60°F. 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".



TECHNICAL DATA SHEET

55% to achieve double thickness.

Irregular surfaces such as valves, flanges, etc. may require the use of Densyl™ Mastic or Denso Profiling Mastic™. Refer to the product data sheets for these specific products for information on application and selection.

Product Conditions

The minimum roll temperature for application shall be 60°F .

Storage

Denso Butyl shall be stored in a dry and ventilated location. The storage temperature shall be a minimum of 35°F and a maximum of 110°F.

Packaging

Tape Width	Rolls*/Case	Coverage with 1" Overlap	Coverage with 50% Overlap
in.	ea.	ea.	ea.
2"	24	100 ft ² /case	100 ft ² /case
4"	12	150 ft ² /case	100 ft ² /case
6"	8	167 ft ² /case	100 ft ² /case

*All rolls are 50 feet in length. Other roll widths are available on request.



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TECHNICAL DATA

PROPERTIES

Tensile Strength	23 lb/in width
Elongation at Break (ASTM D1000)	250%
Dielectrical Strength (ASTM D1000)	20 kV
Water Vapor Transmission (ASTM E398)	< 0.2 g/100 in ² /24 hour
Resistance to Hydrocarbons	Good
Resistance to Acids, Alkalis and Salts	Excellent
Temperature Range	
For Application	35°F to 110°F
For Continuous Service	0°F to 160°F
Recommended Holiday Test Voltage	
Single Layer	10 kV
Double Layer	15 kV
Dimensions	
Roll Length	50 feet
Roll Width	2", 4", 6"
Thickness (ASTM D1000)	
Backing	2 mil
Adhesive	33 mil
Total	35 mil
Color	
Backing	Black
Adhesive	Gray



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