

DENSO BUTYL 35 TAPE

Polyethylene/Butyl Rubber Pipeline Tape

Description

Denso Butyl 35 Tape is a heavy duty polyethylene backed tape with a butyl rubber adhesive. Available in black rolls.

Uses

For the long term anti-corrosion protection of small to large diameter pipes including weld joints, fittings, ells and tees and is compatible with coal tar, fusion bond epoxy, asphalt, and polyethylene pipeline coatings.

Features

- Excellent adhesion to pipe and self
- Resistant to UV
- Can be applied over a wide temperature range (-30°F to 160°F)
- 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

Application

Prepare surfaces by removing all loose scale, rust or other foreign matter by grit blasting or wire brush. 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" or 55% to achieve double thickness.

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



Denso Butyl 35 Tape

Property Specifications

PROPERTIES	ENGLISH
Tensile Strength	23 lb/in width
Elongation at Break (ASTM D1000)	250%
Dielectrical Strength (ASTM D1000)	226 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	-30°F to 160°F
For Continuous Service	-30°F to 185°F
Recommended Holiday Test Voltage	
Single Layer	10 kV
Double Layer	15 kV
Dimensions	
Roll Length	50 feet
Width	2", 4", 6"
Thickness (ASTM D1000)	
Backing (polyethylene)	7 mil
Adhesive (butyl rubber)	28 mil
Total	35 mil
Color	Black

Quantity Estimates

Tape Width	Rolls*/Case	Coverage with 1" Overlap	Coverage with 50% Overlap
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.*



DENSO NORTH AMERICA

HOUSTON:
9747 Whithorn Drive,
Houston, Texas,
U.S.A. 77095
Tel: 281-821-3355
Fax: 281-821-0304

TORONTO:
90 Ironside Crescent,
Unit 12, Toronto,
Ontario, Canada M1X1M3
Tel: 416-291-3435
Fax: 416-291-0898

www.densona.com

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