

# **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. Available in black rolls.

### **Uses**

For long term anti-corrosion protection for above and below ground pipes including weld joints, fittings, ells and tees. It is compatible with coal tar, fusion bond epoxy, asphalt and polyethylene pipeline coatings.

### **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

### **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. 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.

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.



# Denso Butyl 35 Tape

## Property Specifications

PROPERTIES	ENGLISH	METRIC
<b>Tensile Strength</b>	23 lb/in width	10.43 kg/m width
<b>Elongation at Break</b> (ASTM D1000)	250%	250%
<b>Dielectrical Strength</b> (ASTM D1000)	20 kV	20 kV
<b>Water Vapor Transmission</b> (ASTM E398)	< 0.2 g/100 in <sup>2</sup> /24 hour	< 0.2 g/645.2 cm <sup>2</sup> /24 hour
<b>Resistance to Hydrocarbons</b>	Good	Good
<b>Resistance to Acids, Alkalis and Salts</b>	Excellent	Excellent
<b>Temperature Range</b>		
For Application	32°F to 115°F	2°C to 46°C
For Continuous Service	0°F to 160°F	-18°C to 60°C
<b>Recommended Holiday Test Voltage</b>		
Single Layer	10 kV	10 kV
Double Layer	15 kV	15 kV
<b>Dimensions</b>		
Roll Length	50 feet	15 m
Roll Width	2", 4", 6"	50 mm, 100 mm & 150 mm
<b>Thickness (ASTM D1000)</b>		
Backing	2 mil	51 microns
Adhesive	33 mil	838 microns
Total	35 mil	889 microns
<b>Color</b>		
Backing		Black
Adhesive		Gray

## Quantity Estimates

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

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

Other roll widths are available on request.



### DENSO NORTH AMERICA

**HOUSTON:**  
9710 Telge Road,  
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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