

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 |
|---|--------------------------------------|--|
| Tensile Strength | 23 lb/in width | 10.43 kg/m width |
| Elongation at Break (ASTM D1000) | 250% | 250% |
| Dielectrical Strength (ASTM D1000) | 20 kV | 20 kV |
| Water Vapor Transmission (ASTM E398) | < 0.2 g/100 in ² /24 hour | < 0.2 g/645.2 cm ² /24 hour |
| Resistance to Hydrocarbons | Good | Good |
| Resistance to Acids, Alkalis and Salts | Excellent | Excellent |
| Temperature Range | | |
| 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 |
| Recommended Holiday Test Voltage | | |
| Single Layer | 10 kV | 10 kV |
| Double Layer | 15 kV | 15 kV |
| Dimensions | | |
| Roll Length | 50 feet | 15 m |
| Roll Width | 2", 4", 6" | 50 mm, 100 mm & 150 mm |
| Thickness (ASTM D1000) | | |
| Backing | 2 mil | 51 microns |
| Adhesive | 33 mil | 838 microns |
| Total | 35 mil | 889 microns |
| Color | | |
| 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 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.



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