

#1201 Electrical Insulating Sealing Mastic

Technical Data

SEALANTS

Features and Benefits

- Freeze-Thaw Cycling: Excellent resistance with no detrimental effects after 40,000 freeze-thaw cycles.
- Working Temperature: -35°F to +170° F
- Resistance: Weather, water, soil, salt spray, diluted acids, sodium hydroxide and alcohol.
- DI-Electric Strength: .020" thickness; 500 volts per million.
- Toxicity: Non-toxic, non-injurious, non-irritation, and non-pollutant.
- Composition: Butyl rubber composition blended with hydrocarbons, polymers, and rubber pigments.
- Adhesion: Develops excellent adhesion to most clean, dry, oil and dust free substrates. Excellent cohesive properties
- Flexibility: Permanently flexible
- Percent Shrinkage: None
- Packaging: Ribbon; flat packed; rolls 2" and 6" wide x 30' long.



DESCRIPTION:

#1201 Electrical Insulating Sealing Mastic is a black 100% solid, permanently flexible, pressure-sensitive, non-oxidizing insulating mastic that develops an excellent adhesion to most clean, dry, oil and dust free substrates such as aluminum, copper, porcelain, glass, and stainless neoprene jacket cables.

USES:

#1201 Electrical Insulating Sealing Mastic is used for insulating and protection of low voltage connectors above ground, in hand holes, or buried. It is also for use in duct seals, sealing ends of cables and hand splicing. It resists weather, water, soil, salt spray, diluted acids, sodium hydroxide, and alcohol.

Properties

Test Method

Value

Composition

Butyl rubber composition blended with hydrocarbons, polymers, and rubber pigments.

Color

Black

Density

12.0

Dimensions

1/8" thickness; width and length as specified.

Penetration

ASTM D217

55 to .60

Dielectric Strength

ASTM D149

500 volts per mil.

Volume Resistivity

ASTM D257

10⁷ ohm/inch

Flammability

ASTM D635

Slow burning

Temperature usage range

-35°F to +170° F

Recommended

Weatherometer Test

After 1,000 hours, no significant change

S1 Sunlamp Exposure

After 1,000 hours, no apparent change

Water Immersion

No affect after being in water for 3 weeks @ 120° F

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