

#1205 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	10 ⁷ 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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