



Sealants, Inc.

PRODUCT DATA

540.11

ELASTIC INSULATION TAPE

DESCRIPTION:

540.11 is an elastic insulation compound and is designed as a gasket and sealing material for refrigeration, electrical and crack patch applications. Adhesion is excellent to dry, dust-free, commercially clean rubber, metal, asphalt, concrete, glass, plastic, wood and painted surfaces. 540.11 has surface tack and adhesion will increase with time. It can be molded by hand to fit any shape and will bond firmly to itself without the need for any supplemental adhesive or heat. 540.11 is freeze-thaw stable. It is non-toxic and non-irritating.

APPLICATIONS:

- As a soft electrical tape.
- Sealing sidewall seams.
- As a seal for pipe entrances into concrete walls and concrete pipe joints.
- For sealing casket vaults, septic tanks and manhole covers.
- As a repair medium in concrete surfaces, parking decks and driveways.
- Repairing roof cracks, flashing and copings. Superior to roof patching mastic.
- For sealing cracks in all metal, concrete and wood utilities in the agricultural field.
- Air condition and ventilation ducts
- Storage hatches on cargo ships or barges.
- As an insulation and anti-squeak in metal assemblies
- As a sound damping tape applied to wheel wells, floors and doors in automobiles.
- As a corrosion inhibitor between metal substrates or other corrosive material exposed to the environment

PROPERTIES:

Color:	Black
Weight per Gallon (ASTM D71):	8.3 ± 0.5 pounds/gallon
Percent Solids (ASTM C771)	>99.6 % by weight
Shrinkage:	None
Dielectric Strength (ASTM D149):	21,000 Volts @ 1/8-inch thickness.
Weatherability (ASTM D750):	No significant change after 1,000-hours exposure.
Elongation:	200% @ 0°F 1200% @ 77°F
Tensile Yield (ASTM C907):	40 psi with cohesive failure

Chemical Resistance:

No weight loss or change in consistency when placed in the following solutions for 96-hrs at 120°F:

- 58% Phosphoric Acid Solution
- 85% Phosphoric Acid Solution
- 35% Nitric Acid Solution
- 35% Hydrochloric Acid Solution
- 35% Sulfuric Acid Solution
- 35% Sodium Hydroxide Solution
- 60% Ammonium Nitrate Solution
- 25% Urea Solution
- 1800-hours salt spray
- 5-years underground exposure - No deterioration

Note: 540.11 is not resistant to organic solvents

Compatible with:

No effect on rubber, plastic, latex, epoxy, urethane paints. May stain some oil-based paints.

Freight Classification:

Caulking Compound NOIBN
Item 149610 – Class 55

For technical assistance, customer service and general information, please contact us at:

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