



## PRODUCT DATA

# 530.11

## INSULATED ELECTRICAL SEALANT

### DESCRIPTION:

530.11 is a rubber composition specially formulated for insulating and protecting low voltage connectors in either above ground or buried installations. It can also be used for sealing duct work, cable ends or splice seals. It is pressure sensitive and remains permanently flexible. 530.11 develops excellent adhesion to most clean, dry, oil-free substrates such as aluminum, copper, porcelain, glass, stainless steel and neoprene jacket cables. It has excellent cohesive strength properties. 530.11 is non-irritating and non-oxidizing.

530.11 is resistant to water, soil, salt spray, dilute acids, dilute sodium hydroxide and alcohol. It is not resistant to most organic solvents, ketones, oils or gasoline. Compatible with latex, epoxy and urethane paints but may stain some oil-based paints. 530.11 is compatible with rubber and plastic surfaces.

### PHYSICAL PROPERTIES:

| Property              | Test Method  | Typical Values   |
|-----------------------|--|--|
| Color                 | ASTM D1729   | Black  |
| Odor                  |  | Mild to none.  |
| Service Temperature   |  | -35°F to 170°F   |
| Cone Penetration      | ASTM D217  | 85 ± 5 dmm   |
| % Solids              | ASTM C771  | >99% by weight   |
| Specific Gravity      | ASTM D297  | 1.39 ± 0.05 g/cm <sup>3</sup>  |
| Weight per Gallon     |  | 11.6 ± 0.5 pounds per gallon   |
| Tensile Strength      | ASTM C907  | 40 psi with cohesive failure   |
| Elongation            | ASTM C907  | 200% @ 0°F<br>1200% @ 77°F   |
| Freeze-Thaw Stability | 40,000 cycles of<br>1-minute @ 80°F<br>+ 3-minutes @ 0°F | Excellent resistance with no detrimental effects.                                      |
| Water Absorption      | ASTM D570  | 0.05%  |
| Dielectric Strength   | ASTM D149  | 500 Volts/mil  |
| Volume Resistivity    | ASTM D257  | 107 Ω-cm   |
| Flammability          | FMVSS 302  | Self-extinguishing   |
| Shelf Life            |  | Minimum 1-year when stored in the original container at normal warehouse temperatures. |

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