



## 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 1200% @ 77°F
Freeze-Thaw Stability	40,000 cycles of 1-minute @ 80°F + 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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