

Product
Bulletin

S106

One-Component, Self-Leveling Silicone Adhesive / Sealant

GENERAL DESCRIPTION

S106 is a self-leveling, one-component, silicone rubber adhesive/sealant designed to cure at room temperature upon exposure to moisture in the air.

S106 provides excellent adhesion to a wide variety of surfaces. Ease of application is provided by its free-flowing, low viscosity, and self-leveling characteristics.

SPECIFICATIONS

UNCURED

<u>Color:</u>	clear or pigmented to specification
<u>Specific Gravity @ 77°F:</u>	1.03
<u>Consistency:</u>	pourable
<u>Viscosity, poises:</u>	200 to 700
<u>Solids Content, %:</u>	100

CURED @ 77°F, 50% RELATIVE HUMIDITY

<u>Skin-Over Time:</u>	9 min.
<u>Tack-Free Time:</u>	20 min.
<u>Cure Time (1/8" thickness):</u>	24 hrs.

CURED PHYSICAL PROPERTIES

<u>Durometer Hardness, Shore A:</u>	20
<u>Tensile Strength, psi (MPa):</u>	200
<u>Elongation, %:</u>	200
<u>Brittle Point, °C:</u>	-73

CURED ELECTRICAL PROPERTIES

<u>Volume Resistivity, ohm · cm:</u>	1.7×10^{15}
<u>Dielectric Constant @ 100 Hz:</u>	2.7
<u>Dielectric Constant @ 100,000 Hz:</u>	2.7
<u>Dissipation Factor @ 100 Hz:</u>	0.007
<u>Dissipation Factor @ 100,000 Hz:</u>	0.0006
<u>Dielectric Strength, volts / mil:</u>	370