

Product
Bulletin

S100

One-Component Silicone Adhesive / Sealant, Self-Leveling, Neutral Cure, Non-Corrosive, Electronics Grade

GENERAL DESCRIPTION

S100 is a self-leveling, one-component, RTV adhesive/sealant designed for potting, encapsulating, and conformably coating many different applications.

S100, because of its self-leveling characteristics, can be poured directly from its container and can be applied by dipping, spraying, brushing, or through all automatic dispensing equipment. No other manufacturer has a black system that is neutral cure and self-leveling.

S100 bonds better to most plastics than acetic acid curing systems. Because S100 is neutral curing, its byproducts will not cause corrosion of copper and other sensitive metals. S100 does not give off acetic acid during its cure.

SPECIFICATIONS

HANDLING CHARACTERISTICS

Viscosity: self-leveling until skin formation
Color: Black, White, Clear
Shelf Life: 1 year

Tack-Free Time:
 30-60 min @ 50% RH / 72°F

Full Cure to 1/16 in Thick:
 24 hrs @ 50% RH / 72°F

PHYSICAL CHARACTERISTICS

Specific Gravity: 1.03
Durometer (Shore): 24 A
Tensile Strength, psi: 250
Elongation, %: 300
Temperature Resistance, °F: -60 to +400