

GC ELECTRONIC GRADE SILICONE SEALANT ADHESIVE

GC Electronic Grade Silicone Sealant/Adhesive is a one-part, moisture-curing RTV (room temperature vulcanizing) silicone sealant/adhesive that is non-slump and cures to form a tough, permanently flexible rubber. The non-corrosive curing system of these products makes it ideally suited for protecting, sealing and insulating corrosion-sensitive electronic and electrical materials such as copper, brass, silver, etc. These products are a neutral-cure silicone that emits no objectionable odors during cure and is ideally suited for use in confined areas. However, adequate ventilation should be provided when they are used in large-scale production.

The cure mechanism begins as soon as the sealant comes in contact with the air. At conditions of 77°F (25°C) and 50% relative humidity, the sealant will skin in 15 minutes and fully cure within 48 hours (1/8" bead).

FEATURES:

- White color
- Resists electrical tracking
- 18 kV/mm Dielectric Strength ASTM D149 18
- 2.7 Dielectric Constant ASTM D150
- 30 ± 2 Shore A Hardness ASTM D2240
- 250 ± 25 psi Tensile @ Break ASTM D412
- 400 ± 25% Elongation @ Break ASTM D412
- 90 ± 10 psi Modulus @ 100% Elongation ASTM D412
- 30 ± 10 ppi Tear Strength ASTM 624 (Die B)
- <5% Shrinkage (Weight Loss) TT-S-001543, 3.5.5
- (0 to + 120)°F (-18 to +50)°C Service Temperature
- (-70 to 400)°F (-57 to 204)°C Flexible Temperature
- 12 Months Shelf Life from D.o.M. (Un-opened).

Higher humidity accelerates cure.



Product Availability:

PART NO.	DESCRIPTION	SIZE
19-158	Electronic Grade Silicone	10.2 oz. Caulk Tube

Meets the requirements of Mil-A-46146A Type 1

PART NO: **19-158**



CoO: USA

UPC: 010151128775

HTS: 8536.90.4000

FDA Regulation number is 177.2600