EPOXY CEMENTS (Cont.)

GC Electronic Grade Self Leveling Potting Silicone Sealant

Electronic Grade Self Leveling Silicone is a one-component, RTV (room temperature vulcanizing) product that uses new cross-linking mechanism as a cure method. No acetic or other corrosive by-products are generated during the curing process. It can be used in corrosion sensitive electrical or electronic equipment with no adverse effect and cures at room temperature.

Temperature Range (after cure):	-57°C to +204°C (-70°F to + 400°F)
Dielectric Strength:	452 V/mil (173 KV/cm)
Thermal Expansion Coefficient:	9×10^4 1/K 0°C to 100°C (32°F to 212°F)
Volume Resistivity:	$>2.19 \times 10^{15}$ Ohm/cm

Part No. 19-160 10.2 fl. oz. Caulk Tube, Clear

Part A

Part B

Thermally Conductive Potting Epoxy and Adhesive

This potting Epoxy and adhesive is a highly filled medium viscosity black casting resin formulated for application requiring a high degree of thermal conductivity. Mix ratio 1:1. It contains abrasive aluminum oxide filler which can introduce wear considerations. Cure is normally achieved at room temperature, although an elevated cure schedule can be used to reach final properties quickly.

Temperature Range:	-40°C to 150°C (40°F to 300°F)
Dielectric Strength:	430 V/mil
Thermal Conductivity:	7.34 (Btu * in/ft ^{2} hr °F)
Thermal Expansion Coefficient:	44 (x 10^6 °C)
Volume Resistivity:	2.14×10^{12} Ohm/cm

Part No. 19-161 2-4 oz. Containers

CYANOACRYLATE ADHESIVES & DEBONDERS

"Instant bonding" cyanoacrylate adhesives cure in seconds, do not depend on evaporation of solvents and require no clamping. They are colorless and moisture resistant. They are ideal for bonding metals, plastics, rubber, glass and ceramics to each other or to dissimilar materials. Bonding strength up to several thousand psi is possible making them among the strongest adhesives available. These adhesives are economical, as only a drop is required. The best type should be determined by experimentation. Use them to repair broken plastic cabinets and other plastic items, attaching nameplates and rubber feet to panels and chassis, cementing broken ceramic glass and rubber items, repairing jewelry, etc. Porous surfaces may be bonded with Gelweld No. 19-0117. The average setting time is between 10 and 100 seconds, after which the cemented articles can be handled. These adhesives may even be used to bond surfaces which are normally difficult to cement, such as teflon, polyethylene, vinyl, silicone rubber and glass.

GR-R-RIP

World famous Ethyl Cyanoacrylate rapid bonding adhesive in gravity fed bottle. Bond strength not affected by temperatures from -60°C to 85°C (-76°F to 185°F).

Part No. 19-115 0.106 fl. oz. Bottle

GC Super Adhesive

Ethyl Cyanoacrylate Adhesive

Forms strong, lasting bonds in seconds between either similar or dissimilar materials metal, porcelain, plastic, glass, most rubbers, hardwoods, and other non-porous materials with smooth, close-fitting surfaces. The bond resists softening at temperatures up to 320°F (160°C). Your most versatile adhesive for bonding, attaching, fixturing. Cures to a strength of 5000 psi; because it is solvent-free, there is no shrinking during curing and no solvent fumes. Fills gaps to .003".

Meets Mil. Spec. MIL-A-46050C Type I Class 2.

Part No. 10-128 1 fl. oz. Bottle

GC Super Glue Regular Formula

Ethyl Cyanoacrylate Adhesive

Medium viscosity formula for efficient wicking action, faster curing time. Excellent for bonding any combination of plastic, rubber or metal parts. This grade is ideal for small or fine work on non-porous, smooth surfaces. It fills gaps of .003-.005". Highly resistant to acid, alkali, alkali water, solvents and fungus. Non-toxic.

Meets Mil. spec. MIL-A-46050B Type 1 Class 2.

Part No. 10-120 0.075 fl. oz. Tube

GELWELD

GEL Cyanoacrylate Adhesive

Ethyl Cyanoacrylate super strength adhesive in a "gel" form – will not drip or run. Fills gaps well.

Part No. 19-117 0.101 fl.oz. Tube