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CE-003-1 TECHNICAL DATA

Glenmarc CE-003-1 is a fast setting, low viscosity general purpose adhesive. CE-003-1 wicking grade is ideal for bonding preassembled parts.

PHYSICAL PROPERTIES

MONOMER(liquid)

Base compound	Ethoxyethyl
Appearance	Colorless liquid
Viscosity (cps@68F)	3 cps
Specific Gravity (g/cc)	1.06
Flash Point(TCC)	185F
Shelf Life @ 40F	One year unopened container

CURING PROPERTIES

Setting Time (68F, 65% R.H.)

Ambient surface moisture will initiate hardening process. Handling strength is reached in a short time dependent on materials used and environmental conditions. Product will continue to cure for 24 hours before full strength is achieved.

Steel	5-10 Seconds
Aluminum	7-14 Seconds
Neoprene	<5 Seconds
PVC	3-5 Seconds
Polycarbonate	5-10 Seconds

Military Specifications

Mil-A-46050C Type II, Class 1

POLYMER (cured)

Appearance	Colorless Solid
Service Temperature Range	-65F to 200F
Softening Point	329F
Refractive Index(ND 20)	1.49
Full Cure Time	24 hours
Dielectric Strength KV/mm	11.6
Dielectric Constant @ 1 Kc	5.4
Coefficient of Thermal Expansion (in/in/F)	.000126
Tensile strength: Steel/Steel	3200 psi
Solubility	Nitromethane, Acetone Dimethylformamide

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