



GC Series Electrical Grade-Glass Cloth/Silicone

GENERAL DESCRIPTION

An electrical grade, tightly-woven glass-cloth coated on one side with a pressure sensitive silicone adhesive formulated to meet MIL-I-19166C, Type 7 MIL.

FEATURES

- Maximum chemical and solvent resistance
- High Temperature Range
- Strong Adhesion

PHYSICAL CHARACTERISTICS

NOMINAL VALUES

Color	Natural (White)
Total Thickness, mils	7.2
Backing Thickness, mils	4.5
Adhesion to Stainless Steel, oz/in	40
Tensile Strength, lbs/in	120
Elongation, %	5
Dielectric Strength, volts	4000
Insulation Resistance, megohms	250
Electrolytic Corrosion Factor	1.0
Insulation Class	180 °C
Temperature Range, (°F)	-75 to +500
Designed to meet	MIL-I-19166C

Application/Storage

Note: The physical and performance characteristics shown are averages obtained from tests performed according to ASTM and PSTC test methods. TapeCase can make no warranty of any kind as to the results of the adhesive product use. The information published here is representative of laboratory research on these products and is believed to be reliable. Values should not be used for specification purposes. Each user should make their own test to determine the products suitability for their own intended use and shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (21°C) with 50% relative humidity.

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