GC170
PTFE
Tape

Product Description

GC170 is a tightly woven glass cloth coated with an aggressive silicone adhesive. This tape provides excellent dielectric insulation properties and high heat resistance. It also provides good chemical, solvent and abrasion resistance.

Main Applications

- Insulating electric and induction furnace power supply leads
- Insulation for motor lead connectors, switches and controls
- Reinsulating and repairing coils on mining machines
- Securing or splicing high temperature, non-PSA materials in high temperature areas

Technical data

	Metric	Imperial
Thickness	183 µm	7.2 mil
Adhesion to steel	4.4 N/cm	40 oz/in
Tensile Strength	210 N/cm	120 lb/in
Dielectric Strength	4000 V/mil	4000 V/mil
Operating Temperature	-73 to 260+ °C	-100 to 500+ °F

Backing

Glass cloth

Type of Adhesive

Silicone

Colour

Note: The physical and performance characteristics shown are averages obtained from tests performed according to ASTM and PSTC test methods. MPI Matco 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 perform their own tests to determine the suitability of the product for their intended application and shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (21°C) with 50% relative humidity.