

MIL-I-19166-C

Description: Glass cloth tape with a high temperature silicone adhesive. This tape shows excellent dielectric insulation properties and high heat resistance. This product is widely used for electrical insulation for electrical equipment in the fields of petroleum drilling for electric motors.

Product Applications: Used for insulating electric and induction type furnace power supply leads, insulating and repairing coils on mining equipment, and for securing high temperature, non-PSA insulations in high temperature areas.

Backing	Adhesive	Liner	Color
Glass Cloth	Silicone	None	White

The following data are normal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Nominal Values		
Backing Thickness	5.0 mil	ASTM D-3652
Total Thickness	7.0 mil	ASTM D-3652
Adhesion to Steel	40 oz./in.	ASTM D-3330
Tensile Strength	180 lbs./in.	ASTM D-3759
Elongation	5%	ASTM D-3759
Dielectric Strength	3000 Volts	ASTM D-149
Insulation Class	180°C	
Operating Temperature Range	-100°C to 500°C	

This product is RoHS/REACH compliant