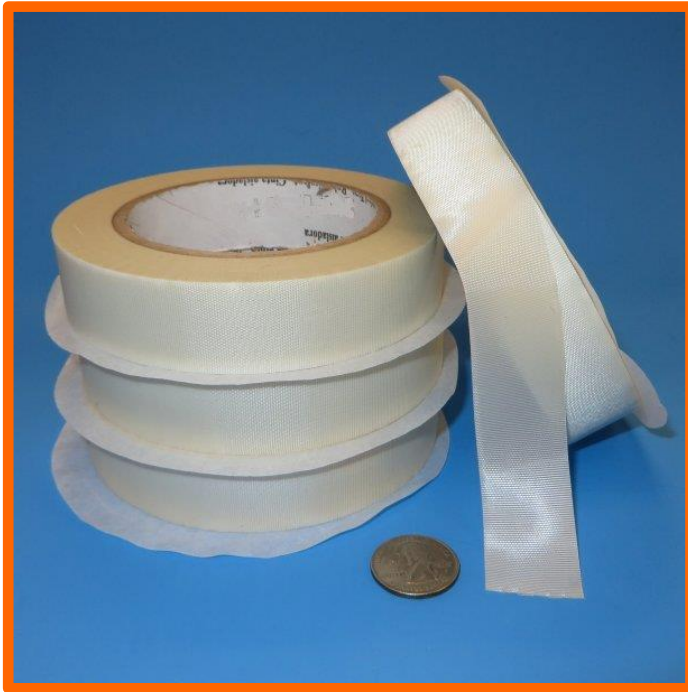


**Fiberglass Glass Cloth Fine Weave Tape with Silicone Adhesive.**  
**Meets MIL-I-19166C / A-A-59770A Type IV**  
**392°F / 200°C: Glass Cloth High Temperature & Heat Resistant High Adhesion Tape -**  
**Electrical Insulation Tape**

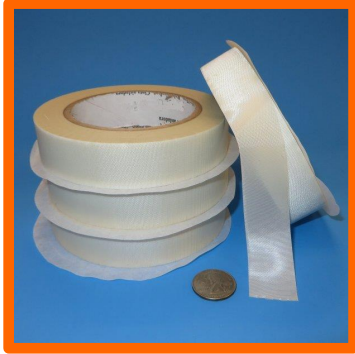


- FlameShield™ 19166 and RG48 glass cloth tape is a high temperature fine weave fiberglass tape with a very high adhesion thermosetting silicone adhesive.
- High mechanical strength.
- 2000 volt dielectric strength minimum. Insulation resistance is  $4.8 \times 10^4$  megohms
- .007" total thickness (5mil glass w/2 mil adhesive). 0.178mm total thickness.
- Meets Mil-i-19166C / A-A-59770A Type IV.
- Non Mil-Spec version available.
- Adhesion of 30oz/in. (3.3 N/cm) to steel.
- Tensile strength 150 lbs/in. Elongation at break is 5%.
- NEMA Insulation class "H". Maximum continuous temperature of 356°F / 180°C.
- Maximum operating temperature is 392°F / 200°C.
- Base glass material rated for 1200°F / 648°C. Silicone adhesive will "smoke" off at temperatures above 460°F / 237°C.
- This tape is widely used for electrical installations and repairs. Used on splices requiring high abrasion resistance and mechanical strength. Widely used in Marine and aviation applications as a backshell clamp bushing.
- Flame retardant to UL 510
- 5 year shelf life from date of manufacture when stored 50°F/10°C to 80°F/27°C and <75% relative humidity.
- 12 rolls per case (11.3" x 11.3" x 11.3"). 432 rolls per pallet (36 cases). Pallet gross weight 744 pounds. Pallet 48" x 42" x 39" high.



Tape used as a backshell clamp bushing

**Fiberglass Glass Cloth Fine Weave Tape with Silicone Adhesive  
Meets MIL-I-19166C / A-A-59770A Type IV (Continued)  
392°F / 200°C: Glass Cloth High Temperature & Heat Resistant High Adhesion Tape -  
Electrical Insulation Tape**



<b>FlameShield™ High Temperature Fiberglass Tape with Silicone Adhesive Meets Mil-I-19166C / A-A-59770A Type IV</b>		
Part Number	Tape Width inch / mm	
T-FG-SA-19166-M013-08	0.5	13
T-FG-SA-19166-M019-12	0.75	19
T-FG-SA-19166-M025-16	1.0	25
T-FG-SA-19166-M038-24	1.5	38
T-FG-SA-19166-M051-32	2.0	51
T-FG-SA-19166-M076-48	3.0	76
Other widths available – please inquire		

- 0.5", 0.75" and 1" wide tapes are normally stock; 1.5" and 2" wide are custom slit from a log and usually takes 2 to 3 days to process through our cutting room.
- This tape is slit from a master log - other widths than those listed are available.
- Standard length is 66 Feet / 20 Metres, rolled.
- RG48 part number applies.
- Designed for use in 600-volt dry location applications such as for transformers and motors, both with and without varnish coatings.
- Qualifies for UL 200°C service. Qualifies for CSA 180°C service.
- Other applications include furnace power supply leads; securing non-psa insulation, splicing SF and SFF rated wire (150°C and 180°C); reinsulating and repair of coils on mining equipment; adding abrasion resistance to silicone tape splices; SA type wire splicing in heat treat areas.