


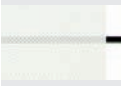


# 3M™ Electrical Tapes

## Glass Cloth



3M offers exceptionally flexible and conformable glass cloth backings on the market with high-temperature resistance and tensile strength. With excellent absorption of resins and varnishes plus cut-through and edge-tear resistance, they are unsurpassed for holding and strapping applications up to 200°C.

Available with three (3) adhesive systems: aggressive thermosetting rubber resin, solvent-resistant acrylic and high-temperature silicone.

		Operating Temp (°C) †	Total Thickness (mil/in)(mm)	Dielectric Breakdown (V)	Insulation Resistance (megohms)	Breaking Strength (lb/in)(N/10 mm)	Elongation (% at break)	Electrolytic Corrosion	Adhesion to Steel (oz/in)(N/10 mm)	CTI Material Group
<b>Thermosetting Rubber</b>	<b>Features</b>									
 <b>27</b>	High-performance glass cloth tape that is tough and conformable.	150	7.0/0,177	3000	4.8x10 <sup>4</sup>	150/252	5	0.9	30/3,3	I
 <b>90</b>	Stiffer, saturated backing. Provides different handling.	155	7.5/0,19	3000	1x10 <sup>2</sup>	175/306	5	0.9	50/5,5	–
<b>Acrylic</b>	<b>Features</b>									
 <b>79</b>	Solvent-resistant version of 27 Tape. Printable. Listed in many Class B systems.	150	7.0/0,177	3000	2.7x10 <sup>2</sup>	150/262	5	0.9	30/3,3	I
<b>Silicone</b>	<b>Features</b>									
 <b>69</b>	High-temperature (200° C) glass cloth tape. UL 510 flame retardant. Printable.	200	7.0/0,177	3000	4.8x10 <sup>4</sup>	180/314	5	0.9	40/4,4	I

† Operating temperature is equivalent to UL Recognition temperature where applicable. (See page 14).

 = Flame retardant. See page 14 for product specifications.

