



IPG # 54562
Glass Cloth Electrical Tape

Product Description: Inert, temperature resistant, high tensile strength backing with an acrylic adhesive and uniform unwind. Combines high adhesion and strength with excellent puncture and abrasion resistance. Acrylic thermosetting adhesive system provides outstanding resistance to oils, solvents, and chemicals. Excellent conformability remains flexible after cure.

Applications: Inter-layer insulation, coil outer wraps, tie-downs, lead insulation and protection. IPG #54562 is also used on electrical motor and generator binding.

Technical Data:

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| Backing : | Glass Cloth | Color: | White |
| Backing Thickness: | 5.0 mil (0.127 mm) | Adhesive: | Acrylic |
| Total Thickness: | 9.0 mil (0.229 mm) | Dielectric Strength: | 3000 Volts |
| Temp./ Class: | 155°C / F | Insulation Resistance: | 10⁶ megohms |
| Tensile Strength: | 195 lbs/in (862 N/25mm) | Adhesion to Steel: | 45 oz/in (12 N/25mm) |
| Elongation: | 5% | Storage Stability: | Very Good |
| Electrolytic Corrosion | 1.0 Direct/A , 1* | Solvent Resistance: | Excellent |
| Flammability | BU 2* | Moisture Resistance: | Excellent |
| UL File # | E20780 | | |

*VDE 0340

Figures shown are averages and should not be used for writing specifications. Similar test conducted on any individual sample may vary in results. Tests are conducted in accordance with ASTM D1000 where applicable

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03/06