

RG46

7.0 MIL HIGH TEMPERATURE GLASS CLOTH TAPE

IPG®

TECHNICAL DATA SHEET

DESCRIPTION

Woven fiberglass pressure-sensitive tape. Can withstand exposure to temperatures up to 400°F (204°C) for many hours, 300°F (148°C) for several weeks, and 250°F (121°C) permanently. The thermosetting properties of the adhesive provide resistance to strong solvents (e.g. xylene, toluene). The cure rate of the adhesive is time / temperature dependant.

PRODUCT APPLICATIONS

Tensile strength, dimensional stability, and consistent thickness, combined with high holding properties makes RG46 an excellent choice for splicing, especially materials having rough surfaces and/or low internal strength (e.g. textiles, roofing materials).

GOVERNMENT CONFORMANCE

MIL-T-4053B

NOMINAL VALUES

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

Backing	5 mil (0.127mm) Glass Cloth
Adhesive	Thermosetting Rubber
Tensile Strength (lbs/in of width)	175 (766 N/25mm)
Adhesion to Steel (oz/in of width)	50 (13.7 N/25mm)
Elongation (% at break)	3
Total Thickness (mils)	7.0 mil (0.178mm)
Color	White



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EFFECTIVE: 11/13

