



Technical Data 96-580

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# 8929

## Silicone Resin Coated Glass Cloth For 200°C Applications

### Application

Bedford Materials 8929 silicone-resin-coated glass cloth and tapes involve the use of a straight weave, continuous filament fabric, treated with a fully cured silicone resin. This flexible Class H insulation offers good dielectric strength at high temperatures, great cut-through, chemical and tracking resistances and hence great overload protection. These products are generally used as flexible layer, wrapper and tape insulation in high temperature applications.

### Advantages

**Dielectric strength is retained at elevated temperatures.**

**Meet the requirements of NEMA, ASTM and MIL-17205C,** where applicable.

**Meet the performance requirements for Class H thermal service.**

### Specifications (Typical Values)

	8929-1		8929-2		8929-3	8929-4	
Thickness, Treated (Inches).....	0.0035	0.004	0.005	0.007	0.010	0.010	0.013
Thickness, Base Fabric (inches).....	0.002	0.002	0.002	0.003	0.004	0.007	0.007
Weight, Approximate (lbs./sq. yd.)...	0.22	0.26	0.32	0.43	0.65	0.80	0.96
Tensile Strength (lbs./in. of width)							
MD.....	70	70	70	100	100	300	300
CMD.....	40	40	40	70	70	240	240
Dielectric Strength, Minimum							
Average, ¼ in. Dia. Electrodes, Short Time Method (volts/mil)							
as Received.....	1,500	1,500	1,500	1,400	1,300	450	650
as Received, Bent.....	1,060	1,250	1,240	1,145	1,050	400	465
168/250, Bent.....	900	1,065	1,055	975	900	370	400
96/23/0.....	---	1,400	1,200	1,300	1,200	---	---
96/23/96.....	---	1,000	600	900	800	---	---

### Ordering Information

Standard tape widths are available on 1 inch ID cores in rolls 36 and 72 yards long. Also available approximately 36 inches wide in standard 36, 50 and 100 yard rolls and in master rolls approximately 350-400 yards long. Specify quantity, length and width and thickness required.

Bedford Materials has no control over the final application of the product by others, therefore, the information contained herein is intended as a general guide to product use and should not be construed as a warranty.