



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
 INSULATING COMPONENTS FOR
 POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: SideRippleSpring

Description: This material is a semi-conductive material made from semi-conductive glass fabric impregnated with high temperature epoxy resin. The resin system is also filled with graphite to increase the semi-conductive property of the material. The glass content of this material is 65% and has a proportional distribution of glass content in the warp and parallel direction. With the SideRippleSpring the waves are set at a 45° angle to the cut edges.

SideRippleSpring is used in large electrical rotas and the stator slot walls. The SideRippleSpring between the wall of the stator and the coils, there fore insuring that any corona discharge or flashovers will be dissipated over the semi-conductive material.

Availability: Laminate Sheets: Thickness: English units: .012", .02", .026", .032", .037", and .039" SI Units: 3mm, 5mm, .65mm, .8mm, .94mm, and 1.0mm

Sheet Sizes: 18"x41" 46cmx104cm

Fabricated Parts: TheGundCompany custom fabricates insulation materials to the exact specifications and drawings of our customers.



Key Characteristics:	Units - English (SI)	Typical Values
Standard Color		Black
Density	lbs/in ³ (g/cc)	.076(2.1)
Thickness Tolerances	%	+/-20
Spring Deflection	in(cm)	.197(.5)
Wave Cycle	in(cm)	2.36(6)
Temperature Class	°C/Class	Class F-155 °C
Surface Resistivity	KΩhms/dm ²	>10
Volume Resistivity	KΩhms/dm ²	<50

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