



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
 INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

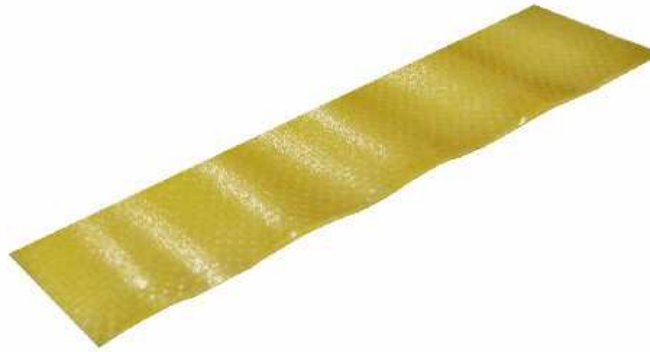
Item: TopRippleSpring

Description: This material is made from several pressed layers of freinforced glass fiber that is impregnated with synthetic resin. The glass content of TopRippleSpring is 70%. In the direction of the warploom the glass content is 15 times higher than in the parallel direction, making the spring characteristic almost linear for upto 65% of the total spring deflection.

TopRippleSpring is used in large electrical rotat ing apparatus to restrain the coils in the stator slots, despite of physical and thermal induc ed dimensional changes.

Availability:	Laminate Sheets:		English units	SI Units
		Thickness:	0.03" and .35"	0.8mm and .9mm
		Sheet Sizes:	18"x39"	46cmx99cm

Fabricated Parts: TheGundCompany custom fabricates insulation mater ials to the exact specifications and drawings of our cus tomers.



Key Characteristics:	Units - English (SI)	Typical Values
Standard Color		Yellow/Brown
Density	lbs/in ³ (g/cc)	.065(1.80)
Thickness Tolerances	%	+25/-5
Spring Deflection	in(cm)	.07(.178)
Wave Cycle	in(cm)	1.18(3)
Temperature Class	°C/Class	Class F-155 °C

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