

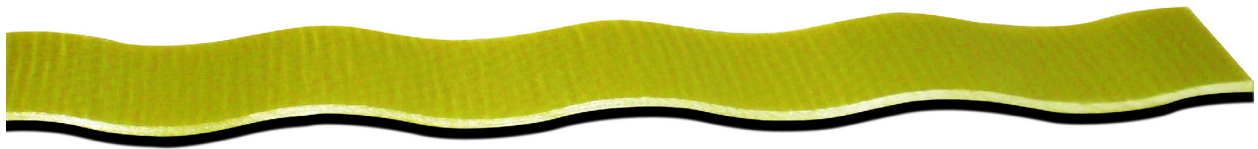


# THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

## Top Ripple Spring

<b>Item:</b>	<b>Krempel® Top Ripple Spring</b>			
<b>Description:</b>	<p>Top ripple spring is fabricated with several layers of glass fabric, bonded with a high temperature synthetic resin matrix. The proportion of glass fibers in the warp direction is 15 times that of the weft direction. The glass content of the corrugated sheet is approximately 70%. The ripples of the sheet run at 90 degrees with respect to the cut edges. The spring characteristic is almost linear up to 65% of the spring deflection. Top ripple spring is used in large rotating equipment to prevent radial movement of stator bars in the stator slots, despite physical and thermal induced dimensional changes.</p> <p>Top ripple spring is used in large electrical rotating apparatus to restrain coils in the stator slots, despite physical and thermal induced dimensional changes.</p>			
<b>Availability:</b>	<b>Laminate Sheets:</b>		English Units (in)	SI Units (mm/cm)
		Thickness:	0.03 / 0.035	0.8 / 0.9 (mm)
	Sheet Size:	18 x 37.8	46 x 96	
<b>Fabricated Parts:</b>	The Gund Company custom fabricates insulation materials to the exact specifications and drawings specified by our customers.			



Key Characteristics	Units - English	Typical Values
Standard Color	--	Yellow/Brown
Density	lb/in <sup>3</sup> (g/cc)	0.065 (1.8)
Thickness Tolerances	%	+28/-6
Spring Deflection	in (cm)	0.071 (1.8)
Wave Cycle	in (cm)	1.18 (3)
Temperature Class	--	Class F - 155°C

AS9100C Certified | ISO/AS9100 Certified QMS | RoHS Compliant | ITAR Compliant

*All of the information, suggestions and recommendations pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final determination regarding suitability of any material described herein for the contemplated, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.*