



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

G21 Glass Epoxy Convolute Wound Tubing

Item:	G21 Glass Epoxy Convolute Wound Tubing			
Description:	G21 glass epoxy convolute wound tubes are produced from woven glass fabric sheets impregnated with epoxy resin. High strength G21 is specifically formulated for downhole applications. The material has the ability to maintain excellent mechanical and physical properties at elevated temperatures up to 130 C.			
Availability:	Diameters:		English Units (in)	SI Unit (mm)
		OD:	0.375 to 20	9.52 to 508
		ID:	0.25 to 18	6.25 to 457
		Typical Length:	39 to 48	1000 to 1200
	Please contact The Gund Company for other dimensions			
	Fabricated Parts:	The Gund Company custom fabricates insulation materials to the exact specifications and drawings specified by our customers.		

Key Characteristics	Test Method	Units	Typical Values
Standard Color	Visual	--	Green
Density	ASTM D348	gm/cc	1.8
Water Absorption (24 Hours)	ASTM D348	%	<0.2%
Axial Compressive Strength	ASTM D695	psi	45,000
Flex Strength, Perpendicular to Lamination	ASTM D348	psi	43,500
Glass Transition Temperature	ASTM D3418	F	260
Temperature Rating	IEC 61212-2	F	266

Data supplied above are typical values and are not to be considered specification values. 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 application, 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.