



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Reference:	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:		English Units [in]	SI Units [mm]	
	Diameters	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 materials to the exact specifications and drawings of 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

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