



# THE GUND COMPANY

*Manufacturers & fabricators of engineered material solutions*

Reference:	G22 Glass Epoxy Convolute Wound Tubing		
Description:	G22 high temperature glass epoxy convolute wound tubes are produced from woven glass fabric sheets impregnated with epoxy resin. G22 is specifically formulated for thick wall tubes used in downhole applications. The material has the ability to maintain excellent mechanical and physical properties at elevated temperatures up to 180 C.		
Availability:		English Units [in]	SI Units [mm]
	Diameters	OD	0.375 to 20
		ID	0.25 to 18
		Typical Length	39 to 48
	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		Black
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	340
Temperature Rating	IEC 61212-2	F	356

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