THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	***G-FRAC™*** G2019 High Temperature Epoxy Glass Filament Wound Tube		
Description:	***G-FRAC™*** G2019 epoxy glass tubes are wound from high temperature resistant epoxy coated glass filament strands. The ***G-FRAC™*** G2019 tube formulation has enhanced inter-laminar shear strength and excellent compressive strength retention at temperatures up to 300°F. Common applications demanding moderately high temperature and high mechanical strength performance in heavy wall construction for hydraulic fracturing as an economical alternative.		
Availability:	Sizes:	Inner Diameter: from .250" - 6.00"	Wall Thickness: from 0.062" to 2.00"
	Fabricated Parts:	The Gund Company fabricates materials and components to the exact specifications and drawings of our customers. Customized tube properties according to filament wind angle are available upon request.	

Key Characteristics	Test Method	Units	Typical Values
Standard Wind Angle	--	--	45 +/- 5°*
Color	--	--	Black
Flammability Rating	UL 94	--	HB
Compressive Strength	ASTM D-348	psi	30,000
Interlaminate Shear	Modified ASTM D-732	psi	2,800
Barcol Hardness	ASTM D-2583	--	>55
Tensile Strength	ASTM D348	psi	20,000
Density	ASTM D-348	gm/cc	2.0 - 2.2
Water Absorption	ASTM D-348	24 Hours	< 0.2%
Glass Transition Temperature, Tg	ASTM D-3418	°C	155

* Depending on application

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 use 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. TGCR0819