THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

G-FRAC™ G2019 High Temperature Epoxy Glass Filament Wound Tube

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 D348	psi	30,000
Interlaminate Shear	Modified ASTM D732	psi	2,800
Barcol Hardness	ASTM D2583	---	>55
Tensile Strength	ASTM D348	psi	20,000
Density	ASTM D348	gm/cc	2.0 - 2.2
Water Absorption	ASTM D348	24 Hours	< 0.2%
Glass Transition Temperature, Tg	ASTM D3418	°C	155

* Depending on application