



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	G-FRAC™ G2018 High Temperature Epoxy Glass Filament Wound Tube		
Description:	G-FRAC™ G2018 epoxy glass tubes are wound from high temperature resistant epoxy coated glass filament strands. The G-FRAC™ G2018 tube formulation has enhanced inter-laminar shear strength and excellent compressive strength retention at temperatures up to 250°F. Common applications demanding high mechanical strength performance in heavy wall construction for hydraulic fracturing at the lowest cost.		
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
Interlaminar Shear	Modified ASTM D-732	psi	4,300
Barcol Hardness	ASTM D-2583	--	>55
Tensile Strength	ASTM D348	psi	32,000
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	130

* Depending on application