



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	ProDome - EG™		
Description:	ProDome is a glass fabric reinforced laminate, bonded with flame resistant epoxy resin, and coated with a UV Protective, hydrophobic PTFE film. The material has the ability to maintain excellent mechanical, electrical and physical properties at elevated temperature to 130°C. ProDome from The Gund Company is UL, RoHS, and REACH certified to ensure reliability, safety, and consistency.		
Availability:	--		English Units (in)
	Laminate Sheets:	Thickness:	0.010 to 5.0
		Standard Sheet Size	48 x 120
	Filament Wound Tubing:	FR4 Filament wound tubes are available from The Gund Company in nearly any custom size of inside and outside diameter, per customer requirements	
Fabricated Parts:	The Gund Company custom fabricates insulation material to the exact specifications and drawings of our customers.		
SI Units (mm)			
0.25 to 127			
3050 x 1220			

Key Characteristics	Test Method	UOM	ProDome Typical Values
Standard Color	--	--	White ¹
Specific Gravity	ASTM D-792	lb/in ³ (g/cc)	0.070 (1.94)
Breakdown Voltage	ASTM D-149	kV	14
Permittivity Condition A	ASTM D-150	--	3.16
Dissipation Factor Condition A	ASTM D-150	--	0.021
Tensile Strength	ASTM D-638	ksi (MPa)	32
Shear Strength	ASTM D-732	ksi (MPa)	18.3
Dielectric Strength Condition A	ASTM D-149	V/mil	758

¹ Custom colors are available upon request