



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

ProDome® EG

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)	SI Units (mm)
	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 materials to the exact specifications and drawings specified by our customers.		

Key Characteristics	Test Method	UOM	ProDome Typical Values
Standard Color	--	--	White ¹
Specific Gravity	ASTM D792	lb/in ³ (g/cc)	0.070 (1.94)
Breakdown Voltage	ASTM D149	kV	14
Permittivity Condition A	ASTM D150	--	3.16
Dissipation Factor Condition A	ASTM D150	--	0.021
Tensile Strength	ASTM D638	ksi (MPa)	32
Shear Strength	ASTM D732	ksi (MPa)	18.3
Dielectric Strength Condition A	ASTM D149	V/mil	758

¹ Custom colors are available upon request

AS9100 Certified QMS | ISO9001 Certified QMS | RoHS Compliant | ITAR Compliant

Data supplied above are typical values and are not to be considered specification values. 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 contemplated application, 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.