



# THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

## GUND-PPT

<b>Item:</b>	<b>Phenolic Cellulosic Paper Laminated Tube</b>
<b>Availability:</b>	Gund-PPT is available in below specifications: Min. ID 10mm, Max. ID: 400mm, Min. Wall Thickness: 2mm, Max. Wall Thickness: As requested
<b>Fabricated Parts:</b>	The Gund Company custom fabricates materials to the exact specifications and drawings of our customers. Different size available upon request.

Key Properties	Test Method	Units - SI (English)	Typical Values
Density	ISO 1183	g/cm <sup>3</sup> (lbs/in <sup>3</sup> )	1.12 (0.04)
Water Absorption rate (3 mm)	ISO 62	%	7.7
Bonding Strength	--	Mpa (ksi)	96 (13.93)
Flexural Strength	ISO 178	Mpa (ksi)	78 (11.31)
Compressive Strength (Axial)	ISO 604	Mpa (ksi)	81 (11.75)
Thermo Stability (24h)	--	°C	Pass
Dielectric Strength perpendicular to lamination (90°C in Oil, 2mm thickness)	IEC 60243	kV/mm	10.5
Parallel Breakdown Voltage (90°C in Oil)	IEC 60243	kV	38

AS9100C Certified | ISO/AS9100 Certified QMS | RoHS Compliant | ITAR Compliant

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