



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS

INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: COPACO Electrical Insulating Paper

Description: COPACO electrical insulating papers are 100% rag stock papers expressly designed for the most exacting electrical users. They are manufactured from high grade new cotton cuttings, highly refined to insure maximum chemical purity and physical strength.

No sizing, clay, fillers, or other chemical additives are used in COPACO. The absence of impurities, plus the use of high grade cotton cuttings, guarantee that COPACO's aging characteristics will meet the most exacting requirements.

Availability:	Rolls:	Thickness:	English Units 0.004" to 0.03"	SI Units 0.102 mm to 0.762 mm
		Width:	30"	76.2 cm

Fabricated Parts: The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers

Key Characteristics	Test Method	Units - English (SI)	Typical Values
Tensile Strength, MD CMD	ASTM D-638	psi (MPa)	16,000 (110) 6,000 (41)
Elongation, MD CMD	ASTM D-638	%	6 – 8 14 – 16
Dielectric Strength	ASTM D-149	V/mil (kV/mm)	300 (11.7)
Methanol Extractables	--	%	0.15 – 0.20
Density	--	lbs./in. ³ (g/cc)	0.045 – 0.049 (1.25 – 1.35)

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