



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 paper expressly designed for the most exacting electrical users. They are manufactured from high-grade 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 cutting, guarantee that COPACO's aging characteristics will meet the most exacting requirements.

Availability:

Thickness	Cross Tear	Machine Tear
.005" (.13mm)	220	180
.007" (.18mm)	380	180
.010" (.25mm)	700	180
.012" (.31mm)	900	180
.015" (.38mm)	1200	180
.020" (.51mm)	1700	180
.025" (.64mm)	2200	180

Fabricated Parts: TheGundCompany custom fabricates insulation materials to the exact specifications and drawings of our customers.

Key Characteristics:	Test Method	Units - English (SI)	Typical Values
Machine Tensile	ASTMD-638	psi(MPa)	16,000(110)
Cross Tensile	ASTMD-638	psi(MPa)	6,000(41)
Machine Elongation	ASTMD-638	%	6–8
Cross Elongation	ASTMD-638	%	14–16
Dielectric Strength	ASTMD-149	VPM(kV/mm)	300(11.7)
Methanol Extractables		%	.15-.20
Density		lbs/in ³ (g/cc)	.045-.049(1.25–1.35)

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