



MANUFACTURERS OF  
**ELECTRICAL INSULATION MATERIALS**  
 INSULATING COMPONENTS FOR  
**POWER SYSTEMS EQUIPMENT**

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## MATERIAL DATA SHEET

**Item:** COPACO-125 Super Stretch Electrical Insulating Paper per

**Description:** COPACO-125 Super Stretch electrical insulating paper is manufactured under an extensible paper process that provides COPACO-125 with twice the stretch of ordinary electrical insulating papers.

This unusual elongation permits COPACO-125 to stretch and adjust when subjected to extreme stress. The high tear resistance will virtually eliminate torn or split insulators when used under standard practices.

**Availability:**

Thickness	Cross Tear	Machine Tear
.005" (.13mm)	350	200
.007" (.18mm)	560	320
.010" (.25mm)	900	600
.012" (.31mm)	1100	750
.015" (.38mm)	1500	950
.020" (.51mm)	2000	1550
.025" (.64mm)	2500	1750

**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)	11,000(76)
Cross Tensile	ASTMD-638	psi(MPa)	6,000(41)
Machine Elongation	ASTMD-638	%	16-20
Cross Elongation	ASTMD-638	%	14-20
Dielectric Strength	ASTMD-149	VPM(kV/mm)	300(11.7)
Methanol Extractables		%	.15-.20
Density		lbs/in <sup>3</sup> (g/cc)	.045-.049(1.25-1.35)

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