Dynacap® Electrical Paper

Product Catalogue

GLATFELTER

Beyond Paper

COMPOSITE FIBERS BUSINESS UNIT

Exclusively Represented in India by:

HINDCO
CORPORATION

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Dynacap® Product Catalogue Electrical Papers

Containing product specifications for the following electrical papers and applications:

› Capacitor tissue paper – calendered
› Capacitor paper – calendered and predried (for 2-sided metalizing)
› Electrolytic capacitor paper
› Cable paper
› Insulation paper

About Glatfelter

Glatfelter develops, produces and sells world-wide specialty papers and engineered products to a wide range of highly demanding applications.

The company is a well-established supplier of paper products to the electrical markets, where they are used in various types of capacitors, power cables, electrical insulation, and batteries.

Glatfelter's consistent success as a supplier of specialty papers to the electrical market is built on the combination of state-of-the-art production capability and a dedicated and highly qualified workforce. With its unique production technology of inclined- and flat-wire paper machines Glatfelter has the ability to engineer electrical papers to optimally meet a wide spectrum of customer needs.

Glatfelter's primary focus and ambition is to support its customers in successfully meeting their challenges and to help them to fully exploit their unique business opportunities.

Product Overview Dynacap® Grades

CAPACITOR TISSUE PAPER

GRADE	FORMER GRADE NAME	DENSITY g/cm³	THICKNESS µm	FIBER	GENERAL	PAGE
GK	COPA CC	1.0	8, 15	Kraft	High density paper for superior dielectric strength.	8
GK	COPA BC	1.1	8, 10, 12, 14, 16			
GK	COPAAC	1.2	8, 9, 10, 12, 13, 15, 16, 20, 25, 30			
GK	COPA GC	1.3	8, 9, 10, 11, 12, 13, 15			
GK	COPA DUO-M	1.17	8, 9	Kraft	For two-sided metalizing.	9

ELECTROLYTIC CAPACITOR PAPER, SIMPLEX AND DUPLEX

GRADE	FORMER GRADE NAME	DENSITY g/cm³	THICKNESS µm	FIBER	GENERAL	PAGE
GM	PUMA	0.30	30, 50	Manila	Simplex Medium ESR range	10
GM	PUMA	0.45	50, 60			
GM	PUMA	0.50	50			
GM	PUMA	0.54	40, 50, 60			
GM	PUMA	0.75	30, 40			
GMK	FLM	0.30	50, 75	Manila Kraft		
GMK	FLM	0.36	30, 40, 50, 60, 75			
GMK	FLM	0.45	50			
GMBK	MAE	0.54	50, 75			
GME	--	0.30	30, 50	Manila Esparto	Simplex Low ESR range	
GME	--	0.36	40, 50, 60			
GME	--	0.45	40, 50			
GME	--	0.50	40, 50			
GME	--	0.54	40, 50			
GK	COPA EVL	0.50	30, 50, 60, 75	Kraft	Simplex	11
GK	COPA EL	0.55	25, 30, 50, 60, 75			
GK	COPA ESVL	0.65	25, 30, 40, 50, 75			
GK	COPS ESL	0.70	18, 20, 25, 30, 40, 50			
GK	COPA ES	0.80	12, 15, 18, 20, 25, 30, 35		Medium to high dielectric strength	12
GK	COPA ESH	0.90	15, 18, 20, 25, 30, 35			
GK	COPA ESHS	0.95	20, 25			
GK	COPA EDL	0.65	40, 50, 60	Kraft	Duplex Medium to high dielectric strength	13
GK	COPA EDH	0.79	30, 35, 40, 45, 50, 60, 70, 80			
GK	COPA EDH ML	0.80	40, 50			
GK	COPA EDH M	0.85	30, 40, 50, 60, 70			
GK	COPA EDS H	0.90	30			

CABLE PAPER FOR HIGH VOLTAGE POWER CABLES

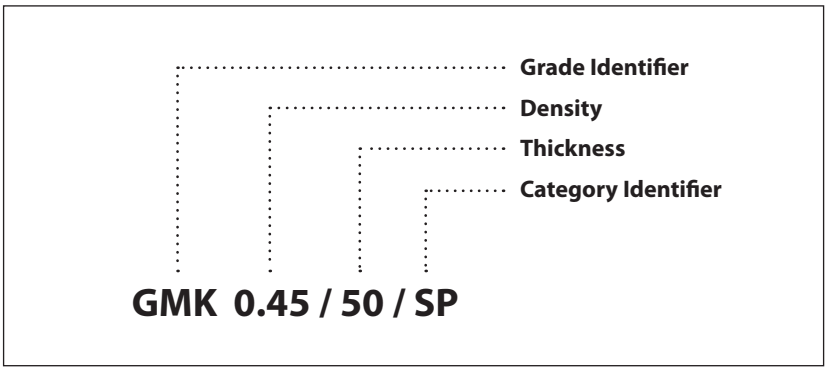
GRADE	FORMER GRADE NAME	DENSITY g/cm³	THICKNESS µm	FIBER	GENERAL	PAGE
GK	COPA CAB	0.70	20, 25, 30, 40, 50, 55	Kraft	High Voltage Power Cables	14

INSULATION PAPER

GRADE	FORMER GRADE NAME	DENSITY g/cm³	THICKNESS µm	FIBER	GENERAL	PAGE
GK	COPA ISO	0.70	30, 60, 75	Kraft	Electrical insulation paper for wide range of applications	15
GK	COPA ISO	0.75	63			
GK	COPA ISO	0.95	30, 40,50			
GK	COPA ISO	1.20	20, 25, 30, 38			

Product Identification Code

Example



The Product Identification Code is made up of the grade identifier, density, thickness and a category identifier.

Grade Identifier:
A combination of two or more letters. The first letter is always "G" followed by one or more letters indicating the fiber composition.

M: Manila
E: Esparto
K: Kraft

Category Identifier:
Category Identifier is made up of one or more letters indicating the product category.

C: Capacitor tissue paper, calendered.
SP: Electrolytic capacitor paper, simplex.
D: Electrolytic capacitor paper, duplex.
CAB: Insulation paper, high-voltage power cables.
I: Electric Insulation Paper.
IC: Electrical Insulation paper calendered.