



E-FR

General Description

E-FR is an Underwriter's Laboratories approved flame retardant board, multi-ply constructed from unbleached Kraft pulp. The UL 94 Flammability Classification is 94V-0.

E-FR has good mechanical strength, punchability and foldability.

E-FR is available in sheets, strips, rolls and slit coils in thicknesses from .010" and above.

PHYSICAL, ELECTRICAL AND CHEMICAL PROPERTIES:

Fiber Content	100% Unbleached Kraft Wood Pulp
Moisture Content	7.0% Avg.

Standard Thickness, ± 7%	Inches	.010	.015	.020	.025	.031
Apparent Density, (Air Dry), ± 7%	g/cc	1.10	1.10	1.10	1.10	1.10
Weight, (Air Dry), ± 7%	lbs./sq. ft.	.057	.086	.114	.148	.177
Tensile Strength, (Avg.)	MD lbs./In.	140	250	340	370	550
	CMD lbs./In.	35	60	90	105	110
Burst Strength, (Avg.)	lbs./sq. in.	110	170	250	300	475
Tear Strength, (Avg.) grams	MD	215	380	600	800	800
	CMD	360	625	900	1000	1000
Dielectric Strength, Air, AC, 25°C-50% RH	total volts	2000	3000	4000	5000	6000
Dielectric Strength, Air, AC, 24 hrs-95% RH	total volts	1600	1850	2500	3000	

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"Values shown are typical, are not guaranteed, nor to be used for specifications without approval."

NOTICE: The above information and data are believed to be accurate and reliable. Windsor-Stevens assumes no responsibility for end-use applications and no performance warranty is expressed or implied.

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