

## Typical properties of style “E-FR” UL approved flame retardant board

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.

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	

This information is furnished as a guide for selecting materials. Atlantic Gasket disclaims liability for results or use of this information. It is the customer’s responsibility to obtain and test samples when determining suitability of material for a particular application.