



WINDSOR - STEVENS, INC.

An Employee Owned Company

Ragtex

General Description

Ragtex is a dense, rigid material produced in multi-ply construction from a blend of unbleached Kraft pulp and cotton rag fibers. Ragtex is free of conducting particles, chemical impurities and foreign matter. Ragtex has excellent dielectric and mechanical strength with excellent formability.

Ragtex can be used in transformer insulation, barrier insulation, appliances, electrical hardware, gaskets and slot insulation.

PHYSICAL, ELECTRICAL AND CHEMICAL PROPERTIES:

Fiber Content	50% Kraft Pulp
Cotton Rag Fiber	50% Cotton Rag Fibers
Ash Content (Max.)	.75%
pH Water Extract	6.0 - 7.5
Moisture Content	7.0% Avg.

Standard Thickness, ± 7%	Inches	.005	.007	.010	.015	.020	.031
Apparent Density, (Air Dry) ± 7%	g/cc	1.05	1.05	1.05	1.05	1.05	1.05
Weight, (Air Dry) ± 7%	lbs./sq. ft.	.028	.038	.054	.082	109	.69
Tensile Strength, (Avg.)	MD lbs./in.	75	135	195	340	500	700
	MD lbs./in.	20	25	50	75	85	140
Burst Strength, (Avg.)	lbs./sq. in.	90	120	185	320	440	580
Tear Strength, (Avg.) grams	MD	150	180	270	475	650	1000
	CMD	240	300	450	800	975	1200
Dielectric Strength, Air, AC, 25°C (Avg.) ± 7%	volts/mil	275	275	275	275	275	275

"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.

WINDSOR - STEVENS, INC. TEL: 860-683-1515 FAX: 860-683-1558 P.O. BOX 500 POQUONOCK, CT. 06064

Ragtex