

## Typical values of “Hitex”

Hitex is a dense, rigid material produced in multi-ply construction from unbleached Kraft pulp. Hitex has excellent dielectric and mechanical strengths, low water absorption and is free of conducting particles, chemical impurities and foreign matter. Its chemical cleanliness accounts for its excellent aging characteristics.

Hitex can be used in many coil, transformer, motor, electrical hardware and electronic applications where the need for excellent dielectric and physical strengths are required. It is not recommended for use with dielectric liquids.

### PHYSICAL, ELECTRICAL AND CHEMICAL PROPERTIES:

Fiber Content	100% Unbleached Kraft Wood Pulp						
Ash Content (Max.)	.75%						
pH Water Extract	6.0 - 7.5						
Moisture Content	7.0% Avg.						
Standard Thickness, ± 7%	Inches	.007	.010	.015	.020	.025	.031
Apparent Density, (Air Dry), ± 7%	g/cc	1.00	1.00	1.05	1.05	1.05	1.05
Weight, (Air Dry), ± 7%	lbs./sq. ft.	.038	.054	.082	.109	.136	.169
Tensile Strength, (Avg.)	MD lbs./ln.	145	200	325	425	540	660
	CMD lbs./ln.	35	40	60	75	100	110
Burst Strength, (Avg.)	lbs./sq. in.	110	150	270	380	465	550
Tear Strength, (Avg.) grams	MD	180	225	450	615	830	950
	CMD	290	425	740	900	1000	1000+
Dielectric Strength, (Avg.) grams AC, 25°C (Avg.)	volts/mil	225	250	250	250	250	250

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.