General Description

Fishpaper is a strong paperboard insulation used primarily for its excellent electrical insulating properties. Fishpaper is a vulcanized fiber and is very flexible. Used frequently for electrical insulation, fishpaper can be die-cut and machined to meet any custom requirement.

PROPERTIES	THICKNESS	UNITS	VALUE	TEST METHOD
Density	.062 in.	$Grams/cm^3$	1.20	D-619
Specific Volume	.062 in.	In^3/lb	23.0	
Tensile Strength	.062 in.	psi	18,000	
Modulus of Elasticity in Tension	.062 in.	psi x 10^5	12.0	D-790
Flexural Strength	.062 in.	Psi	15,000	D-790
Compressive Strength	.062 in.	Psi	35,000	D-695
Impact Strength, Izod Edgewise	.062 in.	Ft-lbs/in notch	2.5	D-256
Hardness, Rockwell R Scale	.062 in.	Divisions	70	D-785
Bond Strength	.062 in.	Psi	900	D-952
Bursting Strength, Mullen	.016 in.	Psi	325	D-202
Tear Strength, Elmendorf	.016 in.	Grams	550	D-689
Dielectric Strength, Short Time	.016 in.	Volts/mil	215	D-149
Arc Resistance	.062 in.	Seconds	125	D-495
Thermal Conductivity, 149°		$Btu/hr/ft^2/°F/ft$	.168	C-177
Specific Heat		$Btu/hr/ft^2/°F/ft$	.403	C-351
Heat Resistance, Continuous		°F	230 – 240	
Thermal Expansion x 10		In/in°F	1.1	D-696
Dimensional Thick. Chg per %		%	100	
Change in Moisture Content		%	.10	
Water Absorption, 24 hours	.062 in.	%	63.0	D-570

Coefficient of Friction	Fibre on Fibre		.016	
Coefficient of Friction	Fibre on Cast Iron		0.21	
Flammability	.062 in.	In/mm	0.5	D-635
UL Rating – UL 94			HB	