



MATERIAL SPECIFICATION

VULCANIZED FIBRE

Density, gm/cc	1.20	
Tensile Strength, PSI, MD (1/16)	17,000	
Tensile Strength, PSI, CD (1/16)	9,000	
Compressive Strength, PSI, (1/16)	35,000	
Flexural Strength, PSI, MD (1/16)	26,000	
Flexural Strength, PSI, CD (1/16)	13,000	
Hardness, Rockwell (R)	80	
Dielectric Strength, VPM, short time (1/64)	230	
	(1/16)	200
	(1/8)	195
Arc Resistance, ASTM D495, seconds (1/16)	80	
Water Absorption, % 24hrs (1/16 th)	66.0	
Heat Resistance, degrees C, continuous	110 mechanical / 115 electrical	
Flammability	UL94 HB	
Specifications	MIL-I-695 Type CH	
	ASTM D710 Commercial	
	NEMA VU 1-1971 Commercial	

Vulcanized Fibre is a chemically pure, cellulose material that contains no resin or bonding agents. It is made from high-purity cellulose papers specially formulated to produce the desired end-use properties in various grades.

Vulcanized Fibre is tough and resilient – it has high resistance to impact, abrasion, oils and gasoline, organic solvents. It can be machined, turned, stamped, formed, sawed, drilled, milled, planed, hammered, chiselled, threaded and sanded.



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Values are based on typical Test Methods and Conditions and to be used for Engineering and Design Purposes only