

VULCANIZED FIBRE – Commercial Grade

Composition:

A chemically pure laminated cellulose material containing no resins or bonding agents (vulcanized fiber).

Sheet Sizes:

Sheet sizes of 45"x74" in thicknesses: 1/16" to 1". Cut and fabricated to shape. Tubes also available.

Color:

Gray

Advantages:

Commercial grade vulcanized fibre is strong, tough, resistant to oils, gasoline and most solvents. It is an electrical grade insulating material capable of withstanding temperatures up to 115°C. It is used in many mechanical and/or electrical applications such as washers, arc barriers, insulating plates, and switch and appliance insulation.

Specifications:

Density	75 lbs/ft ³ – 1.2 grams/cm ³
Maximum operating temperature	
electrical	239°F (115°C)
mechanical	230°F (110°C)
Water absorption (24 hours)	66%
Hardness (Rockwell R)	80
Compression strength	35,000 psi
Tensile strength	
machine direction	18,000 psi
cross direction	9000 psi
Flexural strength	
machine direction	26,000 psi
cross direction	16,000 psi
Dielectric strength (1/8 thick)	195 vols/mil
Arc resistance (1/16 thick)	80 sec