

Vulcanised Fibre



Vulcanised Fibre is a mechanically strong, extremely dimensionally stable and offers good sealing properties for rigid material.

It is made from fibres and adhesive which is pressed into a flat sheet. This is a homogeneous almost entirely cellulose.

Sometimes referred to as fishpaper, as historically it was produced using a Fish Glue.

Physical Properties

Density (kg/m ³)	11,200
Temperature Range (°C)	100
Humidity Content	6-8%
Water Absorption @ 30 mins	23%
Water Absorption @ 60 mins	31%
Water Absorption @ 24 hours	55%
Resistance to Traction - Longitudinal (Kg/mm ²)	10
Resistance to Traction - Across (Kg/mm ²)	7
Elongation at break - Longitudinal	9%
Elongation at break - Perpendicular	12%
Bonding Strength Between Layers (N/cm ²)	87
Hardness (Shore D)	78
Dielectric Strength (KV/mm)	12

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