

**Material Specification  
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**Vulcanised Fibre****General Information \*NON WRAS APPROVED\***

Due to the excellent characteristics and properties of vulcanised fibre it has historically made it such a popular and versatile material choice in a multitude of industrial sectors. The composition of vulcanised fibre is kraft paper made from wood pulp and vulcanized fish glue, which is non-hazardous to health. If machined take usual precautions: wear protective mask to avoid dust inhalation and eye protection. This is then pressed to form flat sheet. The final product is a homogeneous piece and nearly a 100 percent cellulose mass, free from any matter. Our vulcanised fibre is tested under cold water and boiling hot water, and no delamination occurs.

**Format & Presentation**Supplied in sheets 2000mm x 1000mm  
Colour – Red or Black**Thickness\***

From 0.8mm to 3mm \*thickness available is determined by colour

Property	Result
Specification Standard (International Equivalent)	BS 6091 ASTM D710 commercial (IEC 667) formally DIN 7737
Humidity Content	6-8%
Water Absorption – 30 Minutes	23%
- 60 Minutes	31%
- 24 Hours	55%
Density	1.2
Resistance to heat	100°C
Resistance to Traction – Longitudinal	10Kg/mm <sup>2</sup>
- Across	7Kg/mm <sup>2</sup>
Elongation at Rupture – Longitudinal	9%
- Across	12%
Coefficient of Maximum – Longitudinal	1.1%
- Perpendicular	3.7%
Bonding Strength between Layers	87N/cm <sup>2</sup>
Hardness Shore D	78
Dielectric Strength	12kV/mm
WRAS Approved	No

**NB:** Please do not confuse vulcanised fibre sheeting with fibreboard sheeting as they are not the same product. Fibreboard is a type of engineered wood product that is made of wood fibres.

\*\*The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied\*\* ©RHNuttall2019

