

CERAMIC FIBRE CLOTH

Product Code: CFC



Application:

Ceramic Fibre Cloth is woven from ceramic fibre yarn on specialized looms. CFC is suitable for temperatures upto **1260°C** and typically used as high temperature curtains, gaskets or simply a wrap to reduce heat loss from a high heat generating equipment.

CFC can be pre-inserted with SS 304 to improve its tensile strength at elevated temperatures and it can also be coated with vermiculite or silicon rubber to make it 100% non-permeable. This makes it suitable for application in expansion joints and food industry.

Base Material:

Ceramic Fibre, which is used in weaving CFC majorly contains Aluminium Silicate as below:

Al₂O₃ (47-49%) & Al₂O₃ + SiO₂ (99%) - 85% (By Weight)

Other Components:

Viscose Rayon, Fibreglass Yarn - 15% (By Weight)

Technical Parameters:

Recommended Service Temp.: 1260°C

Loss On Ignition: < 15%

Color: Whitish Cream

Structure: Plain / Twill Weave

Melting Point: 1760°C

Default Reinforcement: Fiberglass Yarn

Optional Reinforcement: SS 304

Dimensions:

Standard Width:

1000mm

Standard Thickness:

2mm ~ 5mm

Manufacturer:

Gautam Fibre Glass (India) Pvt Ltd

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