

CERAMIC FIBRE ROPE (square)

Product Code: CFRs

Application:

Ceramic Fiber Rope (square) is braided from ceramic fibre yarn on specialized braidiers and suitable for temperatures upto **1260°C**. CFRs is used as an oven or a furnace door seal. It serves as a heat loss minimizing agent and also helps in providing protection to a person if he or she comes in contact with the hot surface unintentionally.

CFRs can be lubricated with graphite to make it suitable for application at the mouth of a ratory kiln. Silicon or PTFE coated CFR is used in chemically inert environments

Base Material:

Ceramic Fibre, which is used in braiding CFRs majorly contains Aluminium Silicate as below:

Al_2O_3 (47-49%) & $\text{Al}_2\text{O}_3 + \text{SiO}_2$ (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: Square Braided

Melting Point: 1760°C

Default Reinforcement: Fiberglass Yarn

Optional Reinforcement: SS 304

Dimensions:

Standard Size:

12mm ~ 50mm

Density:

500-575 kg / cum

Manufacturer:

Gautam Fibre Glass (India) Pvt Ltd

8-2-603/B/S/1/2, 2nd Floor,

Horizon Avenue, Road # 10, Banjara Hills,

Hyderabad - 500 034. INDIA

Phone: +91-40-65885209, +91-9849025419

Email/Web: info@gfg.co.in / www.gfg.co.in