

# CERAMIC FIBRE ROPE (round)

Product Code: CFRr



## Application:

Ceramic Fiber Rope (round) is braided from ceramic fibre yarn on specialized braidiers and suitable for temperatures upto **1260°C**. A soft CFRr is used in pipeline lagging and a hard CFRr 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.

CFRr can be made in a variety of densities which is a measure for its hardness (or softness). It can be lubricated with graphite to make it suitable for application at the mouth of a rotary kiln. Silicon or PTFE coated CFR is used in chemically inert environments

## Base Material:

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

$\text{Al}_2\text{O}_3$  (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: Knit / Circular Braided

Melting Point: 1760°C

Default Reinforcement: Fiberglass Yarn

Optional Reinforcement: SS 304

## Dimensions:

Standard Dia:

06mm ~ 100mm

Density:

500-525 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](mailto:info@gfg.co.in) / [www.gfg.co.in](http://www.gfg.co.in)