

TECHNICAL DATA SHEET**CF Round Rope style CFRxx series**
Description and Advantages

Darco Round braid is dense, resilient, high performance ceramic fibre material fabricated from ceramic fibre yarn braided around a core of ceramic fibre rope to form a packing in round section. It is widely used for a broad variety of high temperature gasketing, packing and sealing application.

Darco Round braid contains approximately 18% organic fibre which burns out at high temperatures, causing some smoking and out-gassing, but has no effect on the properties of the products.



Properties	1260 Range
Max. Temp. Rating	1260°C
Melting Point	1760°C
Temperature Limit of insert	Glass: 650°C Steel: 1100°C
Ceramic Fibre Composition Al ₂ O ₃	46%
SiO ₂	53%
ZrO ₂	0%
Diameter of Ceramic Fibre	3-4 micron
Thermal Conductivity	<0.18 W/mK at 1000°C
Shrinkage (24hr)	3% at 1150°C
Loss on Ignition	18%
Electrical	Glass: Non-Conductive Steel: Conductive
Density	480-650kg/m ³
Colour	White

Typical Applications

- ☐ Asbestos packing replacement
- ☐ Radiant tube packing for heat-treat furnaces
- ☐ Expansion joint packing for furnaces
- ☐ Seals for stoves and ovens
- ☐ Bulb in tadpole gaskets
- ☐ Door seal insulation

Availability

- ☐ 6 - 50mm diameter
- ☐ Custom sizes available upon request.

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