

ECOMAB® SPECIALTY GLASS FIBRE ROPE

COMPOSED OF BLANKET STRIPS WITH OVERBRAIDING – 1200°C

Fibre Rope is produced from a core of strips which are cut from fibre blankets. The strips can be overbraided with a metal AISI 304 wire, ceramic yarn, Ecosil silica filament, E-glass filament or Ecotex 750 HT filament.

Ecomab® fibre rope is a soft resilient high temperature fibre rope and has a low organic content and is available completely organic free and with open or closed meshes. This complete anorganic version is recommended for areas where complete incombustibility is necessary such as fire seals or hot exhaust pipe wrapping.

Chemical Properties

Ecomab® fibre rope exhibits excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalis.

No water of hydration is present. The resilience will decrease after a period of time therefore we would like to advise you to use/process the product shortly after delivery.

Availability

Ecomab® fibre rope is available in the following diameter sizes : 12 - 60 mm.
Square and rectangular sections also available on request.

Applications

- Doorseals in boilers, ovens, reformers and other chemical furnaces, glass furnaces, etc.
- Seals between kiln cars (ceramic industry)
- Expansion joints in buildings
- Seals for domestic appliances
- Seals between boiler sections
- Seals for continuous casting ("dummy bar seals")
- Seals of thermocouple tubes
- Thermal insulation of steam-pipes in wells

Typical Physical Properties

Average density	200 - 600 kg/m ³
Colour	Depending on the overbraiding
Basic Composition	Silica - Calcium
Melting Point	1330°C