

# ECOMAB® SPECIALTY GLASS FIBRE ROPE – 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 wire (1050°C), Ecomab yarn (1200°C), Ecosil silica filament (1000°C), Ecotex 750 HT filament (750°C) or E-glass filament (550°C).

**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)
- Seals for domestic appliances
- Seals for continuous casting ("dummy bar seals")
- Thermal insulation of steam-pipes in wells
- Expansion joints in buildings
- Seals between boiler sections
- Seals of thermocouple tubes

## Typical Physical Properties

Average density	200 - 600 kg/m <sup>3</sup>
Colour	Depending on the overbraiding
Basic Composition	Silica - Calcium
Continuous Use Limit	Overbraided with glass : 550°C
	Overbraided with Ecotex 750 HT : 750°C
	Overbraided with Ecomab yarn reinforced with metal wire : 1050°C
	Overbraided with metal wire : 1050°C
Melting Point	1330°C