

# ECOMAB® BRAIDED SPECIALTY GLASS FIBRE SLEEVING – 1200°C

Sleeving is produced by braiding several types of yarn into a circular tube.

**Ecomab® braided sleeving** is a flexible HT tubular textile product for the protection and the insulation of hoses, pipes, cables or wires. Keramab N.V. has in-house facilities to apply the protective braiding directly on the flexible products. It contains approximately 20% organic carrier fibre to facilitate the carding process. The carrier fibre burns out at a low temperature, but this has no effect on the properties of the speciality glass fibre.

**Ecomab® braided sleeving** is reinforced with glass (650°C) or metal wire (1050°C). For electrical applications glass reinforcement is recommended.

## Chemical Properties

**Ecomab® braided sleeving** exhibits excellent chemical stability resisting attack from most corrosive agents. Exceptions are hydrofluoric acids and phosphoric acids and concentrated alkalies. No water of hydration is present.

## Availability

**Ecomab® braided sleeving** is available in the following diameter sizes: 8-60 mm. Other sizes available on request.

## Applications

- Cable and wire insulation (thermal and/or electrical)
- Fuel line insulation
- Pipe hanger insulation
- Thermal insulation of steam-pipes in wells
- Wrapping of exhausts
- Keramab N.V. has in-house facilities to apply the protective braiding directly on the flexible products

## Typical Physical Properties

Average density	200 - 600 kg/m <sup>3</sup>
Colour	Greenish
Basic Composition	Silica - Calcium
Continuous Use Limit	Reinforced with glass : 650°C Reinforced with metal wire : 1050°C
Melting Point	> 1330°C