

ECOMAB® TWISTED ROPE – 1200°C

Twisted Rope is produced from a number of yarns, twisted together. The diameter of the rope is determined by the number and thickness of the yarns used.

Ecomab® Twisted Rope is a soft, resilient product and can be enclosed in wire mesh or Ecomab cloth to make gaskets and other seals. Possibilities for special treatments of coating are on request.

Ecomab® Twisted Rope is reinforced with glass or metal wire and 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.

Chemical Properties

Ecomab® Twisted 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.

Availability

Ecomab® Twisted Rope is available in the following diameter sizes : 3-50 mm.

Applications

- Door seals for stoves and ovens
- Door seals for coke furnaces (steel industry)
- Thermal insulation of electrical wiring
- With additional braiding: seals of inspection doors
- With special impregnation: gastight seal of boiler sections
- Wrapping round pipes (thermal insulation)

Typical Physical Properties

Average density	500 kg/m ³
Colour	Greenish
Basic Composition	Silica-Calcium
Melting Point	> 1330°C