

## GLASS FIBRE PRODUCTS

# Technical Datasheet

### TWISTED E-GLASS FIBRE ROPE - 550°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.

**Twisted E-Glass Rope** is a soft, resilient product and can be enclosed in wire mesh or E-Glass webbing to make gaskets and other seals. When the rope is coated with graphite, an increase in lubricity results.

**Twisted E-Glass Rope** is made from texturized, continuous E-Glass fibre filaments up to a maximum of 9 microns. These fibres cause considerably less irritation of the skin than the coarser fibres.

#### Chemical Properties

**Twisted E-Glass 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. Excellent die-electrical strength.

#### Availability

**Twisted E-Glass Rope** is available in the following diameter sizes : 3-50 mm. All E-Glass products are also available in a black version which is made by a colourfast lubricant.

#### 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	550 - 800 kg/m <sup>3</sup>
Colour	White
Basic Composition	Silica
Continuous Use Limit	550°C
Melting Point	840°C