burcharth

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 alkalies. 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/m3
Colour	White
Basic Composition	Silica
Continuous Use Limit	550°C
Melting Point	840°C

Form: A3-072
Effective: 25081997.WVDS.mvo
Supersedes: SS.None

Price schedule : K-3100