

KNITTED E-GLASS FIBRE TAPE – 550°C

Knitted E-glass tape is produced by knitting yarns. The width and thickness are determined by the number of needles and thickness of the yarns used.

Knitted e-glass tape is a soft resilient and highly flexible product, available in a number of different thicknesses to provide a comprehensive HT range of elastic seals used mainly by stove and oven manufacturers.

Knitted “ladder tapes” are also available. This type of tape has regular perforations in the middle, to produce a ladder like structure.

Knitted e-glass tape 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 coarser fibres.

Chemical properties

Knitted e-glass tape 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

Knitted e-glass tape is available in the following thicknesses: 2 – 3 mm, width 8 - 30 mm. Other sizes are available on request. The tape can be supplied with self adhesive backing, or with various special coatings. All E-Glass products are also available in a black version which is made by a colourfast lubricant.

Applications

- Door- and window seals in stoves and gas fires
- Inspection doors
- Wrapping of pipeworks and exhausts
- Tadpole
- Boiler casing

Typical physical properties

| | | |
|----------------------|---|-----------------------------|
| Average density | : | 600 – 800 kg/m ³ |
| Colour | : | White |
| Basic composition | : | Silica |
| Continuous use limit | : | 550 °C |
| Melting point | : | 840 °C |

Insulcon B.V.- The Netherlands - Tel: +31 (0) 167 565750
Insulcon GmbH - Germany - Tel: +49 (0) 2131 408548-0
Insulcon N.V. - Belgium - Tel: +32 (0) 3 711 02 78
Insulcon Projects S.A. - Switzerland - Tel: +41 (0) 91911739-0

INSULCON
LEADER IN HIGH TEMPERATURE SOLUTIONS
www.insulcon.com

Form: A3-100
Effective: 10012022/ES
Supersedes: 21052019/HP/ka
All rights Reserved
LD: I10012022