E-GLASS FIBRE WEBBING – 550°C

Tape is produced by weaving a number of yarns. The width and thickness are determined by the number and thickness of the yarns used.

E-Glass tape is a soft resilient product, available in a number of different thicknesses and constructions to provide a comprehensive HT-range.

Ladder tapes are also available. This type of webbing has regular perforations in the middle, one-third of the width, to produce a ladder like structure. The webbing can be supplied with self adhesive backing, with various special coatings, such as vermiculite coating, and also with one side aluminium foil (radiation temperature 1000°C).

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
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
E-Glass tape is available in the following thickness': 2-5 mm, width 10-200 mm. Other sizes available on request. All E-Glass products are also available in a black version, which is made by a colourfast lubricant.

Applications
- Fire-resistant curtains
- Protective clothing
- Controlled cooling of castings
- Insulation of gas and steam turbines
- Welding curtains

- Insulation linings
- Wrapping of exhausts
- Flange jointing with openings for bolts (ladder tapes)
- Radiant heat shields

Typical Physical Properties

Average density	600 - 800 kg/m^3
Colour	White
Basic Composition	Silica
Continuous Use Limit	550°C
Melting Point	840°C

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TECHNICAL DATASHEET

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