

PRODUCT DATASHEET

GLASSFIBER BAND 550°C

Description

GLASSFIBER BAND 550°C is produced by weaving a number of yarns. The width and thickness are determined by the number and thickness of the yarns used.

GLASSFIBER BAND 550°C is a soft resilient product, available in a number of different thicknesses and constructions to provide a comprehensive HT range made from texturized, continuous glass fiber filaments up to a maximum of 9 microns. These fibers cause considerably less irritation of the skin than coarser fibers.

Availability

GLASSFIBER BAND 550°C is available in the following thicknesses: 2 – 5 mm, width 10 – 200 mm. Other sizes available on request. The webbing can be supplied with self-adhesive backing, or with various special coatings. Also available in a black version which is made by a colourfast lubricant.

Chemical Properties

GLASSFIBER BAND 550°C 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.

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 opening 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