

GLASSCLOTH 1080 HTK

GLASSCLOTH 1080 HTK is made from texturized, continuous HT-Glass fibre filaments (9 microns). These fibres cause considerably less irritation of the skin than coarser fibres.

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

Chemical Properties

GLASSCLOTH Type 1080 HTK 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.

Typical Physical Properties

Average density	600 - 800 kg/m ³
Colour	Green
Basic Composition	Silica
Continuous Use Limit	750°C
Melting Point	840°C
Thickness	Approx. 1,5 mm
Dimensions roll	
Width	1200 mm
Length	50 m/roll

Below mentioned tests are done with the following results:

Tensile strength	According ISO 13934-1/ ISO 9073-3		
	Warp	Weft	<u>Approved</u>
	Values not available		
	1500 N/ 50 mm	1500 N/ 50 mm	Yes Tested March 2016
Flex test	According to ISO 132, 100 mm width	Yes	Tested March & April 2016
	Approved, there is no damage at the		
	Sample visible, either with or without seam.		
Chemical resistance	According ISO 1817 % RAL GZ-719		
	Ammonia 28%: C	A: Excellent,	
	Hydrofluoric Acid 40% : D	B: Good	
	Hydrochloric Acid 38%: D	C: Fair to Poor	
	Sulphuric Acid 95%: C	D: Not recommended	
	Tested September 2017		