

# 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 alkalis. No water of hydration is present. Excellent die-electrical strength.

## Typical Physical Properties

Average density	600 - 800 kg/m <sup>3</sup>
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:

<b>Tensile strength</b>	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
<b>Flex test</b>	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.		
<b>Chemical resistance</b>	<b>According ISO 1817 % RAL GZ-719</b>		
	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		