



HTC Glass fabrics

(high temperature carded glass)

They are made of VHTC carded yarn (75 to 85% VHTC / 15 to 25% viscose) reinforced with glass yarns or stainless steel filaments as required.

They are very bulky, offer a good propensity for impregnation and coating, they are highly deformable and good thermal insulation agents.

They are also very competitively priced.

The fibre used, which is 100% bio-soluble, is totally harmless for health.

Applications

- Manufacture of heat-proof articles (heat screens, etc.)
- Thermal protection and various covering applications
- ... / ...

Thermal properties

1.000°C: HTC Glass melting
 150° - 220°C: viscose fiber decomposition
 710° C: E glass melting
 1.400°C: fusion of stainless steel 316 L

Chemical properties

Resistance	HTCG	Viscose	E glass	S.S.
Acid:	med.	good (exc HNO ₃)	med.	med.
Base:	med.	low	medium	good
Solvent:	good	good (exc DMF)	good	good

Physical properties

	HTCG	Viscose	E glass	S.S.
UV resistance:	good	good	good	good

Product specifications (example of some dimensions)

Reinforcement	Width	Thickness	Weight/m ²	Packaging
E glass	1.000 mm	2,5 mm	1.380 g/m ²	Roll of 30 m
Stainless steel	1.000 mm	2,5 mm	1.278 g/m ²	Roll of 30 m

Other specifications: please contact us

Our address:

Ferlam Technologies
 85, rue Monge
 BP 317
 59056 Roubaix cedex 1
 France

Tél: + 33 (0)3 20 65 96 96
 Fax: + 33 (0)3 20 65 96 99
 Web site: www.ferlam.com
 Contact: info@ferlam.com