FERLAM® TECHNOLOGIES

Our know-how is your guarantee

HTC Glass Bac yarns

(high temperature carded glass)

They are made from HTCG carded slivers or rovings (75 to 85% VHTC / 15 to 25% viscose) lapped with E glass yarns or stainless steel filaments as required.
BAC technology allows to produce very bulky yarns with a very low density, a high impregnation capacity and a low thermal conductivity.

They are also very competitively priced.

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

Applications

- Door seals (ovens and boilers), ingot-mould seals
- Heat insulation
- Thermal protection for various covering applications
- Used as the core in very large-diameter braids or seals

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Thermal properties

1.000°C: HTC glass melting
150° - 220°C: viscose 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 HNO3)	med.	low
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 counts)

Count (tex)	Lapping	Weight/100m	Packaging
12.000	E glass / S.S	1.200 g/ 100 m	Bobbin Ø 230 mmm
12.000	E glass / S.S	1.225 g / 100 m	Bobbin Ø 230 mmm
22.000	E glass	2.200 g/ 100 m	Bobbin Ø 230 mmm
22.250	E glass / S.S	2.225 g / 100 m	Bobbin Ø 230 mmm

Other specifications: please contact us.

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