



ALUMINUM COATED-GLASS FIBRES

Made in partnership with patented FibreCoat technology

Product description

Bi-component multifilament strands with a glass core and aluminum sheath using FIBRECOAT technology. This innovative fibre is providing high stiffness and tensile strength and combining metal properties for high electrical and thermal conductivity.

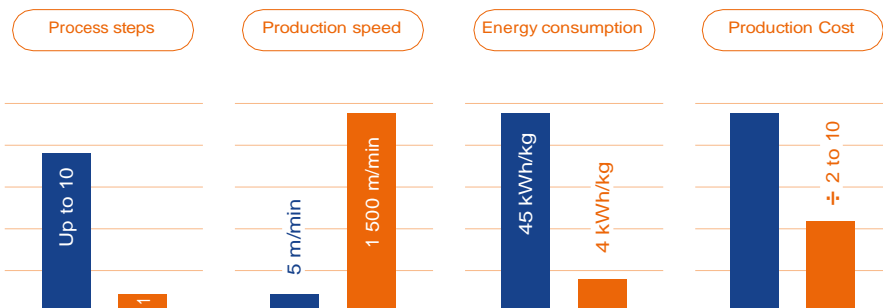
These new fibres will be offered as chopped fibres compatible with polymer and nonwoven processing and as roving for textile processing (e.g., weaving, knitting, non-crimp fabrics, narrow fabrics or even braiding).



Main advantages

- Excellent textile properties for providing lightweight & drapable shielding solutions.
- Affordable and impact resistant materials.
- Add electrostatic discharge (ESD), electromagnetic interference (EMI) shielding, resistive heating and thermal management properties in your product.

techtex
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Traditional metal fibre process

Vetrotex ∞ FIBRE COAT

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Product Information

	Roving	Chopped Strands
Count (Tex - g/km)	50 to 600	–
Glass filament diameter (µm)	16–27	16–27
Length (mm)	–	3 to 24
Fibre volume ratio (vol. %)	50	50
Sizing	Silane	Silane
LOI (%)	< 1	< 1
MOI (%)	1	1

Recommended storage & processing conditions

The material should be stored in its original packaging in dry conditions away from direct sunbeam. Storage temperatures of between 10 and 35 °C (50 and 95 °F) and a relative humidity of between 40 and 70% are recommended. Though there are no known storage limitations under proper conditions, we recommend to use the material within 6 months after delivery date, or within 24 months after date of manufacture. Retesting is advised after 2 years from initial manufacture date to insure optimum performance. Before processing, the material should be conditioned by exposing it unpacked



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