AFTERWIND

Single Glass Fibres

IDENTITY

Individualised glass fibres with a natural fraction of micro-bundles, designed for adaptable reinforcement performance. Manufactured via mechanical recycling in Europe with full traceability, reducing CO_2 emissions and avoiding landfill and incineration, under a quality management system with ISO certification in progress.

BENEFIT

Single glass fibres offering a balance of performance, processability, and reduced CO_2 impact.

100% CIRCULAR

Post-industrial composite byproducts with full traceability and certified quality control

VERSATILITY

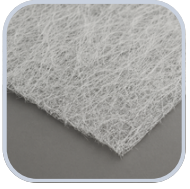
Suitable for applications in construction, automotive and industrials

LOWER CO_2 EMISSIONS

Up to 90% lower than virgin materials

APPLICATIONS

Suitable for nonwovens and needle mats.



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CHARACTERISTICS

Fibre Type	E-glass
Colour	White or Black
Fibre Length	0.3 mm - 80 mm
Fibre Diameter	9 µm (±7%)
Structure	Mix of single fibres and micro-bundles
Tensile Strength of Single Fibres	9 cN (within the range of virgin glass fibres)
Elongation of Single Fibres	3% (within the range of virgin glass fibres)
Moisture Content	<0.15%
Loss on Ignition (LOI)	~12%, variation <2%
Binder	Residual UF (urea-formaldehyde), process-dependent
Surface Treatment/Sizing	None intentionally added (residual surface chemistry may be present)

PACKAGING & STORAGE

Afterwind® fibres are supplied in bulk packaging such as big bags or smaller units upon request, ensuring safe handling and efficient transport. Customer-tailored packaging solutions available upon request. Products should be stored in a dry, indoor environment at ambient temperature and kept in their original, sealed packaging to prevent moisture uptake and contamination. Partially used packaging should be re-sealed immediately after use.

The information provided in this document is based on available data and is believed to be accurate; however, no guarantee is given regarding its completeness or suitability for specific applications. Users are responsible for testing and validating the product for their intended use. Performance may vary depending on processing conditions and formulations. Environmental data, including CO_2 footprint, is based on internal assessments, with third-party validation in progress. Afterwind makes no warranties, express or implied, including fitness for a particular purpose, and accepts no liability arising from the use of this information or the products described. Afterwind reserves the right to modify this document without prior notice. Afterwind AB © 2026. All rights reserved. This document and its contents may not be reproduced, distributed, or disclosed without prior written permission.

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