ARCOTEX® 5326

Composite resin synergy

ARcoteX® 5326 has been specifically developed to be used with polyester and vinylester resins in corrosion-resistant applications.

- Produced with Cem-FIL® AR-glass chemistry, ARcoteX® fibers are designed for composite reinforcement.
- High elastic modulus and tensile strength provides effective reinforcement.
- ARcoteX® 5326 roving is treated with silane-based coupling agents, which allow a high level of performance to be obtained with resins and hardener systems in general use.
- Designed to be highly resistant to corrosion in both acid and alkali environments.

FOR FILAMENT WINDING AND PULTRUSION APPLICATIONS

Product Benefits

Performance

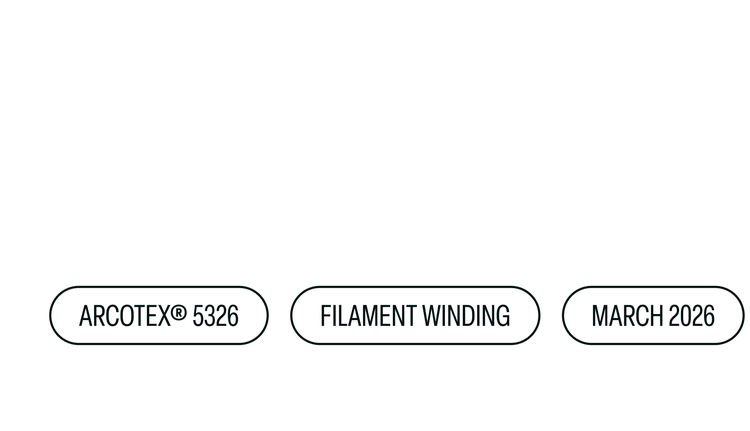
- Corrosion-resistant glass
- Excellent performance in both acid and alkali media
- No static electricity

Processing

- Excellent unwinding
- Low level of fuzz
- Excellent wet-out characteristics

Application

ARcoteX® 5326 is designed mainly for use in filament winding and pultrusion, but is also suitable for weaving applications.



ARCOTEX® 5326 | FILAMENT WINDING | MARCH 2026

Technical Characteristics

LINEAR DENSITY OF ROVING (TEX) (ISO 1889:2009)	FILAMENT DIAMETER (µm) (ISO 1888)	LOSS ON IGNITION (%) (ISO 1887:1995)	MOISTURE (%) (ISO 3344:1997)
600	19	0.80	0.30 max
1200	19	0.80	0.30 max
2400	27	0.80	0.30 max

- Direct Roving
- Electrical Conductivity: Very low
- Specific Gravity: 2.68 g/cm^3
- Material: Alkali-resistant glass*
- Softening Point: 860 ºC–1 580 ºF
- Chemical Resistance: Very high
- Modulus of Elasticity: 72 GPa — 10 x 10^6 psi
- Tensile Strength: >1 000 MPa —>145 x 10^3 psi

*Our fibers are manufactured with high zirconia content in compliance with ASTM C1666/C1666/M-07 and EN 15422 and under the recommendations of PCI and GRCA.

Packaging & Storage

ARcoteX® 5326 rovings are protected by a shrink-wrap polythene film, open at the top, which should not be removed when the product is in use. Rovings are packed on pallets. ARcoteX® 5326 rovings should be stored away from heat and moisture, and in their original packaging. Optimum conditions are temperatures between 15 °C and 35 °C and humidity between 35% and 65%. If the product is stored at lower temperatures, it is advisable to condition it in the workshop for at least 24 hours before use, to prevent condensation.

Quality Standards

- ARcoteX® 5326 fibers are manufactured under a Quality Management System approved to ISO 9001.
- Cem-FIL® fibers are not classified as dangerous by the Regulation 1272/2008/EC. For more information, please refer to our Safe Use Instruction Sheet.
- CE marking and Declaration of Performance as fibers for use in concrete and mortar through European Technical Assessment ETA 17/0169 for 320 to 1200 tex.
- Verified Environmental Product Declaration according to ISO 14025 and EN 15804:2019 available upon request.

MAKE MORE POSSIBLE™

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Pub. No. 10025221. ARcoteX® 5326 Product Data Sheet. March 2026. English.