



SE2348AS LOW-STATIC PROCESSING WITH HIGH PERFORMANCE

SE 2348AS roving is designed for applications demanding high strength, excellent fatigue life, and excellent processing in a variety of applications.

- Produced with patented Advantex® corrosion resistant E-CR glass by Owens Corning.
- Compatible with epoxy and polyurethane resin systems.

FOR FILAMENT WINDING APPLICATIONS

Product Benefits

Excellent Processing

- Features easy unwinding and excellent package run-out under a variety of conditions.
- Uniform dispersion with low fuzz: less cleanup and better machine efficiencies.
- Fast and uniform wet-out optimizes part fabrication time, increasing productivity.
- Superb runnability with low static generation

Superior Burst and Fatigue Properties

- Provides excellent laminate properties in burst, static, and cyclic fatigue.

Enhanced Service Life & Durability

- Compared to standard E-glass, Advantex® glass helps with enhanced service life in applications facing corrosion.

Application

SE2348AS is designed for filament winding applications in epoxy and polyurethane resin systems. Typical products include small-diameter oil field pipe, downhole tubing, well casing, chemical processing pipe, and poles. Industries include petrochemical, aerospace, military transportation, and electrical distribution.



Technical
Characteristics

The following data was generated using anhydride/DER 331 epoxy resin.

STRAND TENSILE: ASTM D 2343	STRENGTH (MPA)	STRENGTH (KSI)
SE2348AS roving 2000 Tex (250 yield)	2550	370.2

INTERLAMINAR SHEAR STRENGTH NOL RING: ASTM D 2344	DRY SHEAR STRENGTH (MPA)	DRY SHEAR STRENGTH (PSI)	SHEAR STRENGTH RETENTION 72-HOUR BOIL (%)
SE2348AS roving 2000 Tex (250 yield)	65.7	9526	96

Availability &
Packaging

SE2348AS is available in the Americas, Europe, and Asia Pacific. Not all Tex are available in all regions. Please contact your Owens Corning representative.

YIELD	TEX
207 - 250 - 450 - 675	2400 - 2000 - 1100 - 735

Roving is available in a single-end internal-pull package. Pallets are stretch wrapped for load stability. Each doff is wrapped for protection and to aid strand run-out and transfer. Pallets are available in bulk or Creel-Pak® pallet packaging format, depending on the region.

Labeling

Each individual package is labeled with information, including product name, Tex/yield, producing plant, and production date.

Storage

Unless otherwise speci ed, it is recommended to store glass ber products in a cool, dry area. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. The glass ber products must remain in their original packaging material until the point of usage. The product should be stored in the workshop, within its original packaging, 48 hours prior to its utilization. If these conditions are maintained, the glass ber product should not undergo signi cant changes when stored for one year. When stored properly, there is no known shelf life to the product, but retesting is advised after three years from the initial production date to ensure optimum performance.

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POSSIBLE™

Americas
Owens Corning Composite
Materials, LLC.
One Owens Corning Parkway
Toledo, Ohio, USA 43659
1-800-GET-PINK®

Europe
European Owens Corning
Fiberglas Sprl.
166 Chaussée de la Hulpe
B-1170 Brussels
Belgium
+32 3 674 8211

Asia Pacific
Owens Corning Shanghai
Regional Headquarters
40/F, Pudong Kerry Parkside,
115 Fang Dian Road, Pudong,
Shanghai, 201204, China
+86-21-6101 9666

<https://www.owenscorning.com/composites>