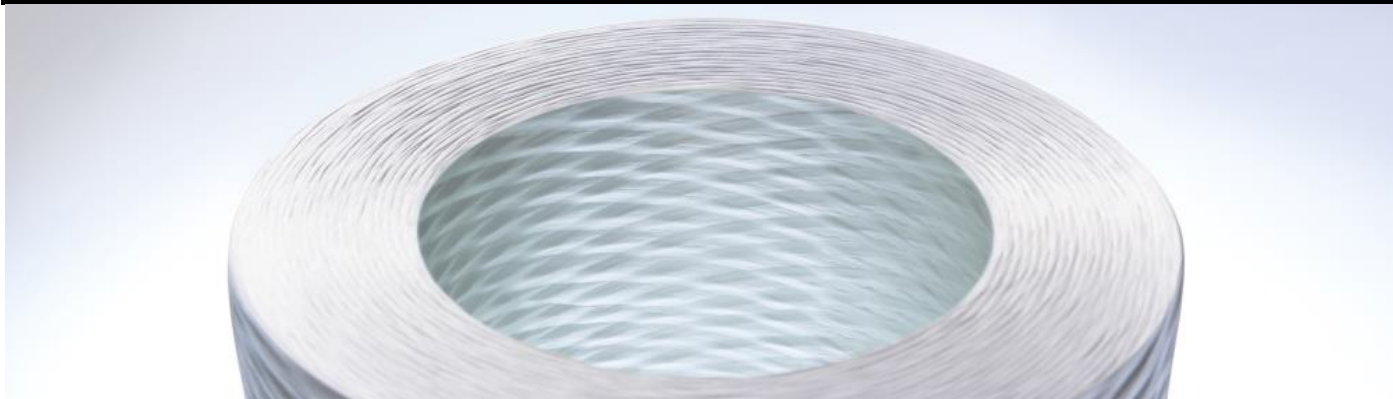


## SE 1200 TYPE 30® SINGLE-END ROVING

FOR KNITTING, WEAVING, FILAMENT WINDING, PULTRUSION AND LFTP



### DESCRIPTION

- **SE 1200 Type 30® Roving** is designed for excellent processing for knitting and weaving in polyester, Vinyl ester, and Epoxy resins. SE 1200 is a versatile product working well in filament winding and pultrusion applications, in polyester, vinyl ester, epoxy, and polyurethane resins systems, and is suitable for LFTP PA compounding applications.

### BENEFITS

- **Excellent processing:** low fuzz properties which equate to low clean-up and high machines efficiencies, excellent package run-out and transfer with Tack-Pak® packaging, optimum Package/Pallet weight
- **Multi-process and multi-resin compatible:** for use on standard weaving looms as well as multi-axial knitting machines, excellent processing in filament winding and pultrusion, suitable for LFTP PA Compounding
- **Excellent strand opening and spreading:** fast wet-out and high resin pick-up equating to increased quality in parts visual, aspect after molding
- **Excellent laminate strength and fatigue properties**
- **Available globally:** global manufacturers can use product in all regions resulting in lower design and qualifications costs
- **Superior corrosion resistance with Advantex® Glass compared to standard E-glass:** longer part life and greater service life strength in applications facing corrosion



### APPLICATIONS

Designed specifically for knitting and weaving applications, and works well in filament winding and pultrusion applications, in polyester, vinyl ester, epoxy, and polyurethane resins systems, and is suitable for LFTP PA compounding applications



# SE 1200 TYPE 30® SINGLE-END ROVING

FOR KNITTING, WEAVING, FILAMENT WINDING, PULTRUSION AND LFTP

## AVAILABILITY

Yield	Tex
4961 – 2480 – 1654 – 1550 – 1288 – 1210 1033 – 827 – 675 – 551 – 450 – 431 – 413 330 – 276 – 250 – 225 – 207 – 113 – 103 – 52	100 – 200 – 300 – 320 – 385 – 410 – 480 – 600 735 – 900 – 1100 – 1150 – 1200 – 1500 – 1800 2000 – 2200 – 2400 – 4400 – 4800 – 9600

## TECHNICAL CHARACTERISTICS (Single-End Roving)

The following data was generated using production material SE 1200 – 735 Tex (675 Yield).

Mechanical properties SE 1200 – 735 Tex (675 Yield)	Strand Tensiles: ASTM D 2343		Interlaminar Shear Strength NOL ring: ASTM D 2344		
	Strength (MPa)	Strength (Ksi)	Dry shear strength (MPa)	Dry shear strength (psi)	Shear strength Retention 72 hr boil (%)
Anhydride/DER 331 Epoxy resin	2700	395	66.3	9620	99%
Polyester F701 Resin	2570	375	73.4	10650	85%

## PACKAGING

Rovings are 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 runout and transfer. Pallets are available in bulk or Creel-Pak® pallet packaging format, depending on region. More information is available from Owens Corning Customer Service and Sales.

## STORAGE

It is recommended to store glass fiber products in a cool, dry area. The glass fiber 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, to allow it to reach the workshop temperature condition and prevent condensation, especially during cold season. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. 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 insure optimum performance.

### Americas

Owens Corning  
Composite Materials, LLC.  
One Owens Corning Parkway  
Toledo  
Ohio 43659  
1.800.GET.PINK™

### Europe

European Owens Corning  
Fiberglas Sprl.  
166 Chaussée de la Hulpe  
B-1170 Brussels  
Belgium  
+32 2 674 8211

### Asia Pacific

Owens Corning - OC Asia Pacific  
Shanghai Regional Headquarters  
Unit 01, 02,05, 39/F, Pudong Kerry Parkside,  
1155 Fang Dian Road, Pudong, Shanghai,  
201204, China  
+86-21-6101 9666

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[SingleEndRoving@owenscorning.com](mailto:SingleEndRoving@owenscorning.com)  
[www.composites.owenscorning.com](http://www.composites.owenscorning.com)