

## Type 30® Single-End Roving

Single-End Roving is produced by pulling individual fibers directly from the bushing and winding them onto a roving package ready for shipment. The uniform distribution of a proprietary sizing system ensures excellent resin-to-glass bonding.

### Type 30® Single-End Roving (North America)

SIZING	FILAMENT	YIELD (YDS/LB)	AVERAGE FILAMENT DIAMETER (MICRONS)	TEX	RESIN COMPATIBILITY	COMPOSITE MANUFACTURING PROCESS	APPLICATIONS	AVAILABILITY
1588	K	675	13	735	Epoxy	Filament winding	Product to be used in applications demanding excellent burst strength; approved for high pressure vessels	North America
	M	450	16	1100				
	M	250	16	2000				
	M	225	16	2200				
346	K	675	13	735	Epoxy	Filament winding	High-pressure pipe	North America
	M	450	16	1100				
	M	250	16	2000				
366	M	450	16	1100	Polyester, vinyl ester, epoxy	Pultrusion, filament winding	Pultrusion and filament winding applications in polyester, vinyl ester and epoxy resin systems	North America
	Q	330	19	1500				
	S	250	22	2000				
	T	113	23	4400				

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399	na	62	31	8000	Polyester, vinyl ester, epoxy	Pultrusion	Processes needing very high tex (low yield) such as ladder rails, pultruded structural shapes and grating systems	North America
	na	56	33	8800				
	na	52	34	9600				
R25H	N	825	17	600	Polyester, vinyl ester, epoxy	Pultrusion, filament winding	Chemical and sewage pipe, water distribution pipe, pultrusion of central stiffness members for fiber optic cable	North America
	N	413	17	1200				
	U	207	24	2400				
	U	103	24	4800				
SE1200	N	825	17	600	Polyester, vinyl ester, epoxy	Knitting/weaving, pultrusion, filament winding	Knitted or woven glass fabrics, central stiffness members for fiber optic cable, and filament wound pipe, tubes or tanks	North America
	K	675	13	735				
	M	450	16	1100				
	N	413	17	1200				
	Q	330	19	1500				
	M	250	16	2000				
	M	225	16	2200				
	N	207	17	2400				
	T	113	23	4400				

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SE1500	M	1650	16	300	Epoxy	Knitting/weaving, filament winding	Woven, knitted and multiaxial fabrics or pre-pregs, wind turbine blades or automotive leafsprings, filament wound pipe, tubes or tanks	North America
	N	825	17	600				
	N	413	17	1200				
	N	207	17	2400				
	U	103	24	4800				
SE2348	M	450	16	1100	Epoxy	Filament winding	Small-diameter oil field pipe, down-hole tubing, well casing and chemical processing pipe, aerospace, military transportation and electrical applications	North America
	S	250	22	2000				
	S	250	22	2000				
SE2350L (low solids)	S	248	22	2000	Epoxy	Filament winding	Small-diameter oil field pipe, down-hole tubing, well casing and chemical processing pipe, aerospace, military, transportation and electrical applications	North America
	SE2350	M	250	1985				

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SE4121	N	207	17	2400	Polypropylene	Long fiber thermoplastics, direct long fiber thermoplastics	Suitable with Direct-LFT processes as well as with pellet manufacturing, processes using long chopped fibers	North America
SE4531	N	207	17	2400	Polyamide	Long fiber thermoplastics, direct long fiber thermoplastics.	Designed to reinforce polyamides through the long fiber pellet manufacturing process (LFT)	
SE8380	T	113	23	4400	Phenolic	Pultrusion	Used in structural profiles requiring low smoke level and fire resistance classification obtained with phenolic resins	
SE8400 LS	T	113	23	4400	Polyester, vinyl ester, epoxy	Pultrusion - electrical applications	Epoxy FRP rods used in electrical insulators	
ST2000	U	103	24	4800	-	Muffler filling technology - Silentex® solution	Muffler filling applications	North America