



# OPTISPRAY® F MULTI-END ROVING

## Reduce resin, increase performance

OptiSpray® F multi-end roving represents a compelling solution for fabricators that want to save time and resin while increasing the performance of their products.

- Multi-end gun roving reinforcement using Advantex® glass fiber, which combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass.
- Advantex® glass roving has a sizing system designed to provide optimal performance for spray-up applications where fast wet-out speed is preferred.

### FOR FAST WET-OUT AND EASY WORKABILITY

#### Product Benefits

- Increased Efficiency**  
Low fuzz combined with easy chopping, roll-out and uniform dispersion saves time.
- Great Performance**  
Good mechanical properties, great surface quality, excellent conform-ability, doesn't trap air, low spring back.
- Reduced Cost**  
Higher glass loading with optimal resin consumption reduces the amount of expensive resin required.

- Fast Wet-Out**  
Designed to provide optimal performance for spray-up applications where fast wet-out speed is preferred; great performance in various types of part complexities.

- Packaging To Reduce Waste And Increase Floorspace**  
The new, optional 4-high pallet design increases the amount of fiberglass material in the standard pallet footprint by 33% enabling producers to fit more pounds within a distribution center, on a truck during delivery, and in the manufacturing site with no impact to floor space.

#### Application

OptiSpray® F multi-end roving can be used in a variety of spray-up applications including: boats, truck caps, vehicle body parts, bath tubs, showers, spas, tanks, and applications with complex molds or sharp curvatures.

#### Technical Characteristics

LINEAR WEIGHT OF ROVING (TEX)	YIELDS (YD/LB)	LOSS ON IGNITION (%) ISO 1887:1995
2400	207	1.25
3000	165	1.25

## Availability & Packaging

Each OptiSpray® F doff is protected by a tack-wrap polythene film and identified by an individual label; please do not remove film during use.

Creel-Pak™ and customer specific packaging may be available upon request.

PRODUCT	DOFF Ø (MM)	PALLET DIMENSIONS LxW (CM)	LAYERS PER PALLET	DOFFS PER LAYER	TOTAL NUMBER OF DOFFS	CREEL-PAK®	PALLETS
						NUMBER OF ENDS	WEIGHT* (KG)
OptiSpray® F Creel-Pak® 4E 2400/3000	303	129.5x96.5	3	16	48	4	941
OptiSpray® F Creel-Pak® 2E 2400/3000	303	129.5x96.5	3	16	48	2	941
OptiSpray® F Close Top 2400/3000	303	129.5x96.5	3	16	48	Individual Boxes	1104
OptiSpray® F Creel-Pak® 2E 2400	303	129.5x96.5	4	16	64	2	1255

(\*) Add 35 to 45 kg to obtain gross weight.

## Labeling

Each doff has a self-adhesive identification label, showing the product reference and the production date.

Each pallet has five identification labels detailing the product reference, pallet net and gross weights, production date and pallet production code.

## Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 10 °C and 35 °C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15 °C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to help prevent condensation. 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, and retesting is advised after three years from the initial production date to ensure optimum performance.

**MAKE  
MORE  
POSSIBLE™**

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