



# OPTISPRAY® PRO ROVING BETTER PRODUCTIVITY AND AESTHETICS

**OptiSpray® PRO Roving represents a compelling solution for fabricators that want to save time and improve cosmetic appearance.**

- 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, increased productivity, and manufacturing speed is preferred.

## FOR OPTIMAL PRODUCTIVITY AND AESTHETICS

### Product Benefits

Up to  
**21%**  
increase in  
productivity.\*

#### Increased Productivity

- Productivity gains (ft<sup>2</sup>/min) of up to 21% on complex geometries have been realized during the open-mold manufacturing process, versus the lowest-performing fiberglass alternative.\*
- OptiSpray® PRO Roving is offered in a unique 4-high doff pallet configuration weighing ~2700 lb (1254 kg) per pallet. This design increases productivity by requiring less pallet turnovers and less time moving material by fewer employees.

#### Reduced Cost

- Higher glass loading with optimal resin consumption reduces the amount of expensive resin required.

#### Improved Aesthetics

- Reduction in fiber print, improved short-term and long-term waviness, and improved B-side cosmetics.

#### 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 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.

### Applications

OptiSpray® PRO Roving can be used in a variety of spray-up applications, including boats, truck caps, heavy-truck body parts, bath tubs, showers, spas, tanks, pools, and applications with complex molds or sharp curvatures.

\* Third-party external evaluation of a Marine structural liner showed up to a 21% reduction in time/ft<sup>2</sup> versus worst-performing fiberglass option.

## Technical Characteristics (Nominal Values)

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

## Availability and Packaging (Standard Reference)

- Each OptiSpray® PRO 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 L x W (cm)	LAYERS PER PALLET	DOFFS PER LAYER	TOTAL NUMBER OF DOFFS	CREEL-PAK™	PALLETS APPROX. FIBERGLAS
						NUMBER OF ENDS	WEIGHT* (kg)
OptiSpray® PRO Rov. Creel-Pak™ 4E 2400/3000	277	114 x 114	3	16	48	4	941
OptiSpray® PRO Rov. Creel-Pak™ 2E 2400/3000	277	114 x 114	3	16	48	2	941
			4		64		1254
OptiSpray® PRO Rov. Close Top™ 2400	303	38 x 51 in 96.5 x 129.5 cm	4	12	48	Individual Boxes	1104

## 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

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 the 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 two years from the initial production date to ensure optimum performance.



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