TURBOSPRAY™ ROVING INCREASE PRODUCTIVITY

TURBOSPRAY™ represents a premium roving solution for fabricators that want to improve productivity and aesthetics.

- 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.
- TURBOSPRAY™ has a sizing system designed to provide optimal performance for spray-up applications where fast wet-out, increased productivity, and improved surface finishes are preferred.

PRODUCTIVE RESULTS WITH INCREASED VISUAL APPEAL

Product Benefits

Reduced Cost
- Higher glass loading with optimal resin consumption reduces the amount of more costly resins.

Fast Wet-Out
- Designed to provide optimal performance for spray-up applications where fast wet-out, productivity, and exceptional useability are needed within various types of part complexities. Owens Corning has observed up to 21% more productive results, based on time, compared to competitive fibers.

Mechanical Performance
- The improved laydown and conformability around tight radii enable a user to maintain longer chop lengths to achieve optimized mechanical properties.

Aesthetics
- TURBOSPRAY™ offers improved long- and short-term waviness, which improves surface appearances and is verified through wavelength measurements.

Applications

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

Technical Characteristics
(Nominal Values)

LINEAR WEIGHT OF ROVING (TEX)	YIELD (YDS/LB)	LOSS ON IGNITION (%) — NOMINAL ISO 1887
2400	207	1.25

Availability and Packaging
(Standard Reference)

- Each TURBOSPRAY™ doff is protected by a tack-wrap polythene film and identified by an individual label; please do not remove film during use.
- Customer-specific packaging may be available upon request.

PRODUCT	DOFF DIAMETER (MM)	PALLET DIMENSIONS L X W (CM)	LAYERS PER PALLET	DOFFS PER LAYER	TOTAL NUMBER OF DOFFS	NUMBER OF ENDS	PALLETS APPOX. FIBERGLAS[1] (KG)
TURBOSPRAY™ 2400 Creel-Pak™ 2E	280	114 x 114	3	16	48	2	950

1 Add approximately 30–40 kg to obtain pallet 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

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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