OptiSpray® 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 with a silane coupling agent, designed to provide optimal performance for spray-up applications where medium wet-out speed is preferred.

**FOR MEDIUM WET-OUT IN LARGE AND VERTICAL PARTS**

<table>
<thead>
<tr>
<th>Product Benefits</th>
<th>Increased Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Low fuzz combined with easy chopping, roll-out and uniform dispersion saves time.</td>
</tr>
</tbody>
</table>

**Reduced Cost**

- The possible use of resin systems with fillers have a positive impact on the material cost.

**Great Performance**

- Good mechanical properties, great surface quality, excellent conform-ability, doesn’t trap air, low spring back.

**Medium Wet-out**

- Designed to provide optimal performance for spray-up applications where medium wet-out speed is preferred; great performance on vertical parts and large or complex molds.

**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.

**Applications**

OptiSpray® 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 large parts, complex molds or sharp curvatures.
Storage Labeling
OptiSpray® Roving should be stored in its original packaging in a dry and cool place. Best conditions are at temperatures from 10° to 35°C (50 to 95°F) and humidity between 35%-85%. If you store the product at lower temperatures, please move the soon-to-be-processed pallets to the production area 24 hours ahead of time. You can stack pallets one-on-one with a plywood plank between the two.

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

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

### Technical Characteristics

<table>
<thead>
<tr>
<th>LINEAR WEIGHT OF ROVING (Tex)</th>
<th>YIELDS (Yds/Lb)</th>
<th>LOSS ON IGNITION (%) ISO 1887: 1995</th>
</tr>
</thead>
<tbody>
<tr>
<td>2400</td>
<td>207</td>
<td>1.10</td>
</tr>
<tr>
<td>3000</td>
<td>165</td>
<td>1.10</td>
</tr>
</tbody>
</table>

### Availability and Packaging

- Each OptiSpray® 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.

### 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

OptiSpray® Roving should be stored in its original packaging in a dry and cool place. Best conditions are at temperatures from 10° to 35°C (50 to 95°F) and humidity between 35%-85%. If you store the product at lower temperatures, please move the soon-to-be-processed pallets to the production area 24 hours ahead of time. You can stack pallets one-on-one with a plywood plank between the two.

### Product Specifications

#### Availability and Packaging

- **OptiSpray® Rov. Creel-Pak™ 4E 2400/3000**
  - DOFF Ø (MM): 303
  - PALLET DIMENSIONS L X W (CM): 129.5 x 96.5
  - LAYERS PER PALLET: 3
  - DOFFS PER LAYER: 16
  - TOTAL NUMBER OF DOFFS: 48
  - CREEL-PAK™: 4
  - PALLET WEIGHT* (KG): 941

- **OptiSpray® Rov. Creel-Pak™ 2E 2400/3000**
  - DOFF Ø (MM): 303
  - PALLET DIMENSIONS L X W (CM): 129.5 x 96.5
  - LAYERS PER PALLET: 3
  - DOFFS PER LAYER: 16
  - TOTAL NUMBER OF DOFFS: 48
  - CREEL-PAK™: 2
  - PALLET WEIGHT* (KG): 941

- **OptiSpray® Rov. Close Top™ 2400/3000**
  - DOFF Ø (MM): 303
  - PALLET DIMENSIONS L X W (CM): 129.5 x 96.5
  - LAYERS PER PALLET: 3
  - DOFFS PER LAYER: 16
  - TOTAL NUMBER OF DOFFS: 48
  - CREEL-PAK™: Individual Boxes
  - PALLET WEIGHT* (KG): 1104

- **Optional OptiSpray® Rov. Creel-Pak™ 2E 2400**
  - DOFF Ø (MM): 303
  - PALLET DIMENSIONS L X W (CM): 129.5 x 96.5
  - LAYERS PER PALLET: 4
  - DOFFS PER LAYER: 16
  - TOTAL NUMBER OF DOFFS: 64
  - CREEL-PAK™: 2
  - PALLET WEIGHT* (KG): 1255

*Add 35 to 45 kg to obtain gross weight.

This information and data contained herein is offered solely as a guide in the selection of product. We believe this information to be reliable, but do not guarantee its applicability to the user’s process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application of the product to determine its suitability. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law, safety code or insurance regulation. We reserve the right to modify this document without prior notice.

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