

OPTISPRAY® F ROVING

FOR FAST WET OUT SPRAY-UP IN COMPLEX MOLDS



DESCRIPTION

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

BENEFITS

- Easy chopping, good mechanical properties
- Low fuzz, flat lay down and uniform dispersion
- Great surface quality, excellent conformability, no spring back
- Best performance on vertical parts, optimal resin consumption
- Good mechanical properties
- Flat lay down and uniform dispersion
- Excellent conformability, no spring back
- Optimal resin consumption



APPLICATIONS

Variety of applications including boats, truck caps, vehicle body parts, bath tubs/showers/spas, tanks and applications with complex molds or sharp curvatures.

TECHNICAL CHARACTERISTICS (NOMINAL VALUES) – Other Tex may be available upon request

Linear weight of roving (Tex)	Yield (Yds/Lb)	Loss on Ignition (%) ISO 1887 : 1995
2400	207	1.25
3000	165	1.25



OPTISPRAY® F ROVING

FOR FAST WET OUT SPRAY-UP IN COMPLEX MOLDS

PRODUCT AVAILABILITY (STANDARD REFERENCE)

Doff characteristics	Internal diameter (mm)	External diameter (mm)	Height (mm)	Net weight (kg)
OptiSpray® F Roving	77	280 – 303	260 – 265	23 – 20

PACKAGING (STANDARD REFERENCE)

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-pack® packaging is available upon request. Customer specific packaging requirements may be available upon request.

Manufacturing Region	Product	Doff Ø (mm)	Pallet dimensions L x W (mm)	Layers per pallet	Doffs per layer	Total number of doffs	Creel-pack®	Pallets	
							Number of ends	Approx. height (cm)	Net weight* (kg)
North America	OptiSpray® F Roving Creel-pack® 2E 2400, Bulk Pack	280	1140 x 1140	3	16	48	2	98	960
North America	OptiSpray® F Roving Close Top 2400	303	1295 x 965	4	12	48	Individual Boxes	126	1120
Europe	OptiSpray® F Roving	290	1200 x 1200 1200 x 900	4	16 or 12	48 or 64	From 1 to 16 and bulkpack	120	1000 to 1200
Latin America	Optispray® F Roving	280 300	1150 x 1150 1290 x 970	3 4	16 or 12	48 or 64	16 or 12	90 or 120	1000 to 1200

*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 two identification labels detailing the product reference, pallet net and gross weights, production date and pallet production code.

STORAGE

The OptiSpray® F product should be stored in its original packaging in a dry and cool place. Best conditions are at temperature from 10 to 35°C (50 to 95°F) and humidity between 35 and 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 stock pallets one on one with a plywood plank between the two.

Americas

Owens Corning
Composite Materials, LLC.
One Owens Corning Parkway
Toledo, Ohio 43659
1.800.get.pink™

Europe

European Owens Corning
Fiberglas Sprl.
166 Chaussée de la Hulpe
B-1170 Brussels
Belgium
+32 2 674 8211

Asia Pacific

Owens Corning Shanghai Regional
Headquarters
40/F, Pudong Kerry Parkside,
1155 Fang Dian Road, Pudong,
Shanghai, 201204, China
+86-21-6101 9666

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.
© 2018 Owens Corning. All Rights Reserved

Pub number: 10017543. MultiEndRov_Optispray F_product sheet_ww_02-2018_Rev3_EN. February 2018

MultiEndRovings@owenscorning.com
composites.owenscorning.com