OWENS CORNING®
INNOVATIONS FOR LIVING™

PRODUCT INFORMATION

OptiSpray™ Solutions

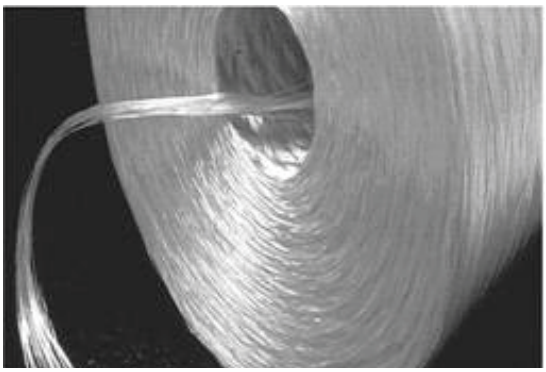
OptiSpray™ Roving

for Spray-up in Complex Molds

PRODUCT DESCRIPTION

OptiSpray™ reinforcement is a multi end roving using Advantex® glass fiber. Advantex® glass fiber 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. It has been designed to provide optimal performance for spray-up applications where medium wet out speed is preferred.



PRODUCT APPLICATIONS

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

FEATURES AND PRODUCT BENEFITS

• Easy chopping	• Good mechanical properties
• Easy rolling and air release	• Flat lay down and uniform dispersion
• Excellent performance on vertical parts	• Excellent conformability, no spring back
	• Optimal resin consumption

Linear weight of roving (tex)	Yield (Yds/Lb)	Loss on Ignition (%)
		ISO 1887: 1995
2400	207	1.10
3000	165	1.10

PRODUCT AVAILABILITY (STANDARD REF.)

Product	Doff characteristics			
	Diameter (mm)		Height (mm)	Net weight (kg)
	Internal	External		
OptiSpray™ roving 2400*	75	303	265	23

*Other tex may be available upon request

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PACKAGING (standard ref.)

- 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 pack packaging is available upon request.
- Customer specific packaging requirements 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 Pack	Pallets	
						Number of ends	Approx. height (cm)	Net weight* (kg)
OptiSpray™ rov. Creel Pack 4E™2400	303	129.5x96.5	4	12	48	4	13.9	1120
OptiSpray™ rov. Creel Pack 2E™2400	303	129.5x96.5	4	12	48	2	13.9	1120
OptiSpray™ rov. Close Top™2400	303	129.5x96.5	4	12	48	Individual Boxes	13.9	1120

(*) 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™ roving 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.

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