



PANELUX[™] LITE OPTIMIZED PANEL SURFACE APPEARANCE AND PROCESSING

- Panelux[™] Lite multi-end roving represents an ideal solution for demanding applications requiring high-quality surface finish in continuous sheet production.
- Compatible with unsaturated polyester and acrylic resin systems.
- Produced with Advantex[®] corrosion resistance E-CR glass by Owens Corning.

FOR DEMANDING CONTINUOUS SHEET PRODUCTION APPLICATIONS

Product Benefits

Excellent Processability

- Easy unwinding and chopping, flat lay-down, and uniform dispersion with low fuzz and static.
- Enhanced choppability and splitting for excellent fiber distribution and lay-down.
- Optimized product sizing for enhanced processability in humid environments.

Enhanced Performance

- Improved wet-out allows higher glass loading because of excellent wet-through and impregnation.
- Excellent fiber distribution for smooth surface aspect and consistent finish behind a gel coat.
- Improve the appearance of the surface of the panel.

Enhanced Service Life

- Advantex[®] glass helps fight corrosion, enhancing service life compared to standard E-glass.

Compared to legacy OC offerings.

Application

Panelux[™] Lite is designed for the continuous production of opaque and colored sheets in flat or profiled forms. Industrial applications include wall liner panels, corrugated wall panels, roofing, cladding, casings, and siding. Roving is designed to provide optimal translucency in skylight panels, greenhouses, decorative panels for commercial buildings, and roofs for trucks and industrial buildings.



Availability

Paneluxe™ Lite is available in North America. Other Tex may be available upon request.

MANUFACTURING REGION	PRODUCT/DOFF DESCRIPTION	EXTERNAL Ø (IN)	HEIGHT (IN)	NET WEIGHT (LB)
North America	Paneluxe™ Lite 2400 Tex Paneluxe™ Lite 4800 Tex	11:12 11	10.3 10.3	43:51.5 43

Technical Characteristics (Nominal Values)

LINEAR WEIGHT OF ROVING (TEX) (KG/KM)	YIELDS (YDS/LB)	LOSS ON IGNITION (%) ISO 1887:2014
Paneluxe™ Lite 2400 Tex	207	0.85 nom
Paneluxe™ Lite 4800 Tex	103	0.85 nom

Packaging & Labeling (Standard Reference)

Each bobbin is protected by a plastic film (Tack-Pak®). Please do not remove film during use. Creel-Pak® packaging is available upon request.

Each bobbin has a self-adhesive identification label, showing the product reference and the production date. Each pallet has at least one identification label, detailing the product reference, pallet net and gross weights, production date, and pallet production code. The packaging system is designed to allow short-term stacking of two pallets. When stacking two high, care should be taken to correctly and smoothly place the top pallet. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

MANUFACTURING REGION	CREEL-PAK®	PRODUCT (TEX)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (KG/LB)
North America	4Hi	2400	3x4 4x4	12 16	12 16	(1,123 KG /2,475 LB) (1,248 KG /2,745 LB)
North America	3Hi	4800	4x4	16	4, 16	(936 KG /2,059 LB)

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 10°C and 35°C and a relative humidity between 35% and 75%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15°C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to help prevent condensation. 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, and retesting is advised after three years from the initial production date to ensure optimum performance.



Americas

Owens Corning Composite Materials, LLC
One Owens Corning Parkway
Toledo, OH 43659 USA
1-800-GET-PINK®

<https://www.owenscorning.com/composites> | Composites@owenscorning.com

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