



495 WHERE MECHANICAL PERFORMANCE COUNTS

495 multi-end roving represents a compelling solution for enhancing reinforcement when highly demanding mechanical performance are required, especially in pipe applications.

- 495 product is made from Advantex® glass strands.
- It is compatible with unsaturated polyester and vinyl ester resins.

Product Benefits

Excellent Processability

- Due to proprietary sizing, the product delivers low static build-up and fuzz, easy choppability (no long fiber cut), excellent runnability (smooth unwinding), leading to excellent fiber distribution.
- Excellent fiber distribution enables the chopped strand layers to remain open and thus allows great wet-through and impregnation.

High Mechanical Properties

- The product design provides high mechanical properties to the final part (see technical data).

Suitable for Drinking Water Applications

- 495 product has been assessed for compliance with the requirements applicable to glass fiber reinforced plastic in contact with drinking water. For further details, please contact ProductCompliance@owenscorning.com.

Enhanced Service Life

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

Application

495 product is designed for chopping process and provides optimal performance in a wide range of applications including pipes or tanks for wastewater treatment and chemical outlets. It can be chopped as an input for the production of fabrics and complexes.



Technical Characteristics

(Nominal Values)

LINEAR WEIGHT OF ROVING (TEX)	YIELDS (YDS/LB)	LOSS ON IGNITION (%) ISO 1887:1995
2400	207	1.5

The product is designed for use in the 20-40% glass content range for standard resin systems. In filled systems, glass contents range from 10-25%, depending on the resin systems and the part shape.

Availability

495 is available worldwide. Other Tex may be available upon request..

Packaging & Labeling

(Standard Reference)

Each pallet can be packaged in bulk or Creel-Pak™ packaging format. Pallets are stretch-wrapped for load stability and for protection during transport. All individual packages are wrapped with Tack-Pak™ packaging to aid package run-out and transfer. More information is available in the Customer Acceptance Standards.

MANUFACTURING REGION	PRODUCT	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (KG/LB)
Europe	495 2400 Tex	3 or 4	12	12	720/1585 960/2112
Latin America	495 2400 Tex	3 or 4	12	12	792/1246 960/2328
North America	495 2400 Tex	3 or 4	16 (3 layers)/ 12 (4 layers)	16 - 12 - 4	1100/2,525 900/1,984
Asia Pacific	495 2400 Tex	3/4	16/12	Bulk Pack	1000/2,205 800/1,764

Each doff has a self-adhesive identification label showing the product description, net weight and production date. Each pallet has at least two 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 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 insure optimum performance.



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Pub no. 10018075-C. 495_MER_product data sheet_ww_02-2019_Rev3. November 2020. English.

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