

495

MULTI-END ROVING

Where mechanical
performance counts



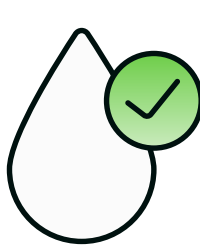
495 multi-end roving represents a compelling solution for enhancing reinforcement when highly demanding mechanical performance is required., especially in pipe applications.

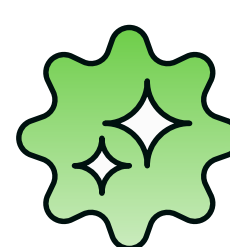
✔ 495 product is made from Advantex® glass strands.

✔ It is compatible with unsaturated polyester and vinyl ester resins.

Product Benefits

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

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.

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

Availability & Packaging

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

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.

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

Labeling

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

Unless otherwise specified, it is recommended that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10°C and 35°C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after two years from the date of manufacture to help ensure optimum performance.

MAKE
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POSSIBLE™

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