

P219

MULTI-END ROVING

Reliable pipe production



P219 is a multi-end roving designed specifically for the manufacture of composite pipes by centrifugal casting technology.

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Provides optimal choppability and fast wet-out.
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Produced with patented Advantex® corrosion resistant E-CR glass.
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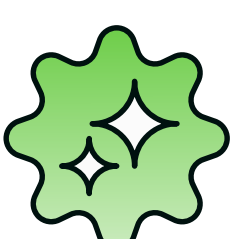
Compatible with unsaturated polyester and vinyl ester resins.

FOR CENTRIFUGAL CASTING

Product Benefits

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Excellent Processing

 - Proprietary sizing enables optimal processing in centrifugal applications at various line speeds, featuring easy unwinding and chopping, flat lay-down, and uniform dispersion with low fuzz and no static.
 - With flat wet-out and high impregnation characteristics, the product allows excellent resin flow.
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Impressive Mechanical Properties

 - Optimal adherence to the resin matrix, along with excellent wetting characteristics, provides enhanced mechanical properties in semi-structural applications.
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Enhanced Service Life

 - Compared to standard E-glass, Advantex® glass helps with enhanced service life in applications facing corrosion.

Application

P219 can be used in a variety of applications, including: sewer pipes, irrigation, hydropower, and chemical industries.



Technical Characteristics

LINEAR WEIGHT OF ROVING (TEX)	LOSS ON IGNITION (%)	MOISTURE CONTENT (%)
ISO 1889	ISO 1887	ISO 3344
2400	1.25	≤0.20

Availability & Packaging

P219 is available worldwide.

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	TOTAL NUMBER OF DOFFS	NUMBER OF ENDS	PALLET NET* WEIGHT (KG)
Europe	P219 2400	3/4	16	48/64	1 - 2 - 4 - 16	912/1216

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
MORE
POSSIBLE™

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