



# 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.**

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

### FOR CENTRIFUGAL CASTING

#### Product Benefits



##### 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.



##### Impressive Mechanical Properties

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



##### Enhanced Service Life

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

#### Application

P219 is designed for the manufacture of sheet molding compound applications used in the building materials, consumer goods, and automotive markets.



#### 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, Americas	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 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 85%. 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.

**MAKE  
MORE  
POSSIBLE™**

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