

SE 4220 EX SINGLE-END ROVING

Outside pull for high
end tape applications



Type 30® SE 4220 EX single-end roving made with Advantex® glass is engineered for demanding long fiber thermoplastic applications. Compatible with polypropylene and polyethylene systems, it is optimized for pultrusion and prepreg tape production, and features an outside-pull design to support efficient processing and structural automotive applications.

✓ Optimized for polypropylene and polyethylene systems

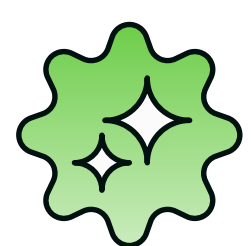
✓ Designed for pultrusion and prepreg tape production

✓ Outside pull and fixed internal diameter

✓ Suitable for structural automotive applications

FOR ADVANCED LONG FIBER THERMOPLASTIC REINFORCEMENT

Product Benefits



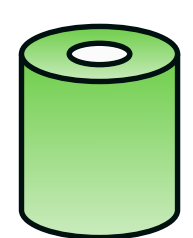
Optimized For Polyolefins

Specifically engineered for excellent compatibility with polypropylene (PP) and polyethylene (PE).



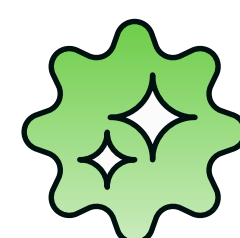
Designed For Advanced LFT Processes

Supports pultrusion and prepreg tape manufacturing.



Enhanced Process Control

Outside pull for optimized tape thickness, promoting consistent fiber spread while helping reduce material waste.



Structural Application Performance

Developed for structural automotive applications and approved for food-contact components.

Application

SE 4220 EX is in use within the Automotive industry, specifically for parts requiring structural properties. SE 4220 EX is also approved for use in parts in contact with food.



Technical Characteristics

Product has been designed in order to help reinforced plastics to comply with hereunder food contact norms.
For more detailed information and relative conditions of applicability, please refer to our official statements.

FOOD CONTACT	NORM
	EU 10/2011
	FDA

Availability & Packaging

PRODUCT	FILAMENT DIAMETER (µm)	LINEAR DENSITY TEX (g/km)	LINEAR DENSITY YIELD (yd/lb)
SE 4220 EX	17	2400	207

Standard packaging of SE 4220 EX consists of 1280 mm x 1000 mm x 1200 mm (50.4 in x 39.4 in x 47.2 in) (L x w x h) pallet containing individual bobbins (Bulk-Pak®).

This Bulk-Pak® pallet configuration displays 48 individual bobbins evenly distributed on 4 layers (12 rovings per layer), leading to a net weight close to 1070 kg (2360 lb).

Please contact us for possible other types of packaging.

Labeling

Each individual package is labeled with information including: product name, tex/yield, producing plant, and production date.

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 three years from the date of manufacture to help ensure optimum performance.

MAKE
MORE
POSSIBLE™

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