

Product Description

Hybon™ 2006 roving from NEG is made of E-Glass fiber and is compatible with amine and anhydride-cured epoxy resin systems. HYBON 2006 roving is designed for filament winding and pultrusion applications, which require good wet out and saturation consistency together with good abrasion resistance and processing characteristics. It is suitable for applications such as piping in oil fields, CO2 gathering systems, and pressure cylinders. Each package is in a wrap film with each pallet stretch wrapped to protect the fiber glass roving from dirt and moisture.

User Benefits

- Tolerates filament winding processing conditions that ordinarily result in broken filaments.
- Multi-resin compatibility eliminates the need to change creels when changing resin systems, thus minimizing downtime.
- Rapid and complete wet out.
- High wet and dry abrasion resistance.
- Excellent package transfer efficiency through the use of an outer adhesive film.
- Supported by NEG’s extensive technical resources.
- Manufacturing facilities operate quality management systems that comply with ISO 9001:2015 requirements.

Type of Fiber	E-Glass (ASTM D 578-05, Section 4.2.2)			
Type of Sizing	Silane			
Roving Tex, nominal (g/km)	735	1100	1984	2200
Roving Yield, nominal (yd/lb)	675	450	250	225
Average Fiber Diameter (µm)	14	17	23	23
Other Tex/Yield options are available upon request.				

Packaging

- 48 packages/pallet
- 20 kg (44 lbs.) /package

Storage

These products should be stored in a cool and dry area. Protect product from all sources of water at all times. A First-in-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions. Prior to use, products should be conditioned in the work area for a minimum of 24 hours. If contents of a package unit are partially used, the unit should be closed until the next use. With proper storage, there are no known limitations on the shelf life of the product. To ensure optimal performance, retesting for mechanical properties and feeding behavior is recommended for products stored more than two years from the original production date. To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to two (2) high as noted on individual shipping containers.

More Information

<https://www.neg.co.jp/inquiry/>

<https://www.neg.co.jp/en/inquiry/>

NEG reserves the right to modify this document without prior notice.

NOTE: This data is offered for informational purposes only in the selection of a composite reinforcement.

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