



# PPG Fiber Glass Europe

## Hybon 2032 Roving

*Hybon 2032 roving is a continuous filament, single end (strand) roving designed specifically to reinforce epoxy resin systems. The roving may be used in filament winding, pultrusion, weaving and non-woven fabric applications. The unique sizing system used on 2032 not only gives good processing characteristics, especially abrasion resistance, but also excellent wet out consistency. In composite applications 2032 exhibits high strength retention and better resistance to cyclic failure than most other materials available.*

### USER BENEFITS:

- Epoxy specific sizing system suitable for either amine or anhydride cured resins.
- Single end roving which is free from catenary and is abrasion resistant allowing low operating tensions.
- Excellent unwinding performance and transfer from package to package.
- Consistent tex control and surface sizing system.
- Wet out is rapid, complete and consistent.
- Superior long term, elevated temperature composite fatigue performance.
- Good composite strength retention when tested in hot/wet conditions.





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### PRODUCT DESCRIPTION.

Property	Description
Glass Type	E
Type of Size	Silane
Nominal Size Content	0.55%
Tex Control (nominal)	± 7%
Tex	300   600   1200   2400
Filament Diameter – micron	14   12   17   17

### PACKAGING.

48 packages/pallet.  
Each package individually wrapped in plastic film.  
Cheese weight 21kg (Nominal) \*.  
Outside diameter 310mm.  
Package height 265mm.  
Pallets are stretched wrapped.

Caution: To avoid possibility of potential injury, maintain column stability by limiting pallet stacking to that noted on the individual pallets.  
\* Note – minimum package weight 11kg.

### STORAGE.

Hybon 2032 roving should be stored at room temperature and at a relative humidity of 65% ± 10%. To avoid problems with humidity or static electricity the glass fibers should be conditioned in the working area prior to use. If the contents of a packing unit are only partly used, the packing should be re-sealed. Storing pallets more than two high is not recommended. A First-In-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions.

### PERFORMANCE CHARACTERISTICS.

Detailed results on the performance of 2032 is available from PPG Marketing Group.



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