



TECHNICAL DATA SHEET

Hybon® 2032 Direct Draw Roving

Application: *Hybon® 2032 Direct Draw Roving is made of electrical (E) glass fiber. This roving is compatible with either amine- or anhydride-cured epoxy resin systems. Hybon® 2032 is designed for filament winding applications, which require maximum wet-out and wet-out consistency together with good abrasion resistance and processing characteristics. It is suitable for applications such as piping in oil-field CO₂ gathering systems and pressure cylinders.*

- Provides strand hardness without sacrificing rapid and complete wet-out
- Excellent payout and package transfer
- Excellent mechanical properties
- Low resin demand during processing
- Superior long-term, elevated temperature laminate fatigue performance
- Excellent package transfer efficiency through the use of an outer adhesive film
- Supported by PPG’s extensive technical resources
- Product is manufactured in conformance to ISO 9002 requirements

PRODUCT DESCRIPTION

Type of Fiber	E-Glass (ASTM D578-98, paragraph 4.2.2)		
Fiber Diameter, nominal	M	MN	K
Micrometers, μm (in X 10 ⁻⁵)	16 (63)	17 (66)	13 (52)
Roving Yields (yd./lb), \pm 7%	250	450	675
Roving Tex (g/km), \pm 7%	1985	1100	735
Type of Sizing	Silane	Silane	Silane
Percent of Sizing, (nominal), \pm 7%	0.55%	0.55%	0.55%

PACKAGING & PALLETIZING DATA

Low Corrugated:

Packages / pallet:

⇒ 48

Four-way entry pallet:

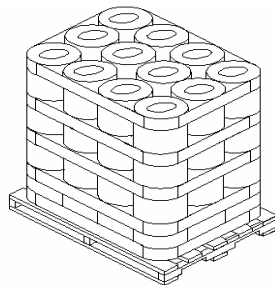
⇒ 36" x 48"

⇒ 91.4 x 122 cm

Package net weight nominal:

⇒ 2,112 lbs

⇒ 960 kg



A First-In-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions.

Storage: These products should be stored at room temperature and at a relative humidity of 65% +/- 10%. To avoid problems with humidity or static electricity, the glass product should be conditioned in the working area prior to use.

Caution: To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to two high as noted on individual shipping container.