



TECHNICAL DATA SHEET

Hybon® 2001 Direct Draw Roving

Application: *HYBON® 2001 roving is a continuous filament, single end (strand) roving designed to reinforce polyesters, vinylester and epoxy resin systems. The roving may be used in filament winding, pultrusion, weaving and non-woven fabric applications. It offers rapid wet-out and wet through with low resin demand and can be processed free of catenary. Hybon® 2001 roving consists of multiple filaments of glass fiber boned with a multi-compatible sizing into a single, splice free strand.*

- Multi-compatible for polyester, vinylester and epoxy
- Excellent unwinding performance and transfer from package to package
- Single end roving which is free from catenary and is abrasion resistant which allows low operating tensions
- Low resin demand during subsequent processing
- Consistent tex control and surface sizing system
- Wet out is rapid, complete and consistent
- 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	L	K or M	K or M	L	MN	T
Micrometers μm	14	13 or 16	13 or 16	15	17	24
Roving Yields (yd/lb), $\pm 7\%$	1650	1200	827	550	413 / 207	207 / 103
Roving Tex (g/km), $\pm 7\%$	300	410	600	900	1200/2400	2400/4800
Percent of Sizing, (nominal), $\pm 0.15\%$	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%
Type of Sizing	Silane	Silane	Silane	Silane	Silane	Silane

PACKAGING & PALLETIZING DATA

- ✚ 48 Packages per Pallet
- ✚ Each package in individual plastic (shrink) bag
- ✚ Cheese weight 21 kg (Nominal)*
- ✚ Outside diameter 310 mm
- ✚ Package height 265 mm
- ✚ Pallets are stretch wrapped

*Note – minimum package weight 11 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. If the contents of a packing unit are only partly used, the packing should be closed again. Three pallets high storage is not recommended.

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