

Product Description

180H Assembled Roving for Spray-up is coated with a silane-based sizing, compatible with unsaturated polyester, vinyl ester and polyurethane resins.

180H is a versatile general purpose spray-up roving used to manufacture boats, yachts, sanitary wares, swimming pools and automotive parts; it can also be used to make pipes in a centrifugal casting process.



Product Features

- Good anti-static property
- Excellent contact to mold surfaces and no rebound in small angle
- Excellent choppability and dispersion
- Fast and complete wet-out ensures easy roll-out and rapid air release
- Excellent mechanical properties and hydrolysis resistance of parts

Specification

Glass type	E	
Sizing type	Silane	
Typical filament diameter (um)	13	
Typical linear density (tex)	2400	4000
Example	ER13-2400-180H	

Technical Parameters

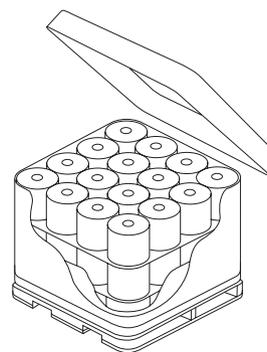
Item	Linear density variation	Moisture content	Sizing content	Stiffness
Unit	%	%	%	mm
Test method	ISO 1889	ISO 3344	ISO 1887	ISO 3375
Standard range	± 4	≤ 0.07	1.00 ± 0.15	140 ± 20

Instructions

- The product is best used within 12 months after production, and should be kept in the original package before use.
- Care should be taken when using the product to prevent it from being scratched or damaged.
- The temperature and humidity of the product should be conditioned to be close or equal to the ambient temperature and humidity before use, and the ambient temperature and humidity should be properly controlled during the use.

Packaging

tem	unit	Standard	
Typical packaging method	/	Packed on pallets.	
Typical package height	mm (in)	260 (10.2)	
Package inner diameter	mm (in)	100 (3.9)	
Typical package outer diameter	mm (in)	280 (11.0)	
Typical package weight	kg (lb)	17.5 (38.6)	
Number of layers	(layer)	3	4
Number of packages per layer	(pcs)	16	
Number of packages per pallet	(pcs)	48	64
Net weight per pallet	kg (lb)	840 (1851.9)	1120 (2469.2)
Pallet length	mm (in)	1140 (44.9)	
Pallet width	mm (in)	1140 (44.9)	
Pallet height	mm (in)	940 (37.0)	1200 (47.2)



Storage

Unless otherwise specified, the fiberglass products should be stored in a dry, cool and moisture-proof area. The best temperature and humidity should be maintained at $-10^{\circ}\text{C} \sim 35^{\circ}\text{C}$ and $\leq 80\%$ respectively. To ensure safety and avoid damage to the product, the pallets should be stacked not more than three layers high. When the pallets are stacked in two or three layers, special care should be taken to correctly and smoothly move the upper pallet.