ASSEMBLED ROVING FOR SMC

440 is a General Purpose SMC Roving. This silane-based sizing is designed for compatibility with unsaturated polyester and vinyl ester resins.

General Purpose SMC products include: electric enclosures, door skins, water tank components and various parts in building, industrial and automotive markets. Although 440 can be used in SMC formulations containing low shrink and low profile additives, for Class-A grade we offer 456.

Product Features
◎ Excellent static control and choppability
◎ Fast wet-out
◎ Good mechanical property of composite products

Identification：

Example	ER14-2400-440
Glass Type	E
Assembled Roving	R
Filament Diameter(μm)	14,15,16
Linear Density(tex)	2400,4400,4800
Size Code	440

Technical Parameters

Linear Density (%)	Moisture Content (%)	Size Content (%)	Stiffness (mm)
ISO 1889	ISO 3344	ISO 1887	ISO 3375
± 4	≤ 0.10	1.25 ± 0.15	160±20(14- 15um) 170±20(16um、80)

Storage

Unless otherwise specified, the fiberglass products should be stored in a dry, cool and moisture-proof area. The fiberglass products should remain in their original package until prior to use. The room temperature and humidity should be always maintained at -10℃~35℃ and ≤80% respectively. To ensure safety and avoid damage to the product, the pallets should not be stacked more than three layers high. When the pallets are stacked in 2 or 3 layers, special care should be taken to correctly and smoothly move the top pallet.

Packaging

The product can be packed on pallet or in small cardboard boxes.

Package height mm (in)	260 (10.2)	260 (10.2)
Package inside diameter mm (in)	100 (3.9)	100 (3.9)
Package outside diameter mm (in)	270 (10.6)	310 (12.2)
Package weight kg (lb)	17 (37.5)	22 (48.5)

Number of layers	3	4	3	4
Number of doffs per layer	16		12	
Number of doffs per pallet	48	64	36	48
Net weight per pallet kg (lb)	816 (1799)	1088 (2398.6)	792 (1746.1)	1056 (2328.1)
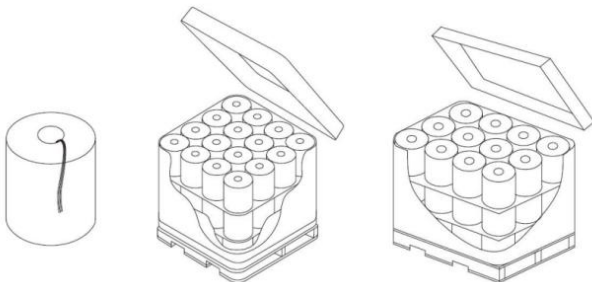
Pallet length mm (in)	1120 (44.1)		1270 (50)	
Pallet width mm (in)	1120 (44.1)		960 (37.8)	
Pallet height mm (in)	940 (37)	1200(47.2)	940 (37)	1200(47.2)