

# 常州联拓复合材料有限公司

## CHANGZHOU UTEK COMPOSITE CO., LTD.

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### ASSEMBLED ROVING FOR SMC

440A is our global Headliner Assembled roving compatible with polyurethane, unsaturated polyester and vinyl ester resins. 440A is designed to provide fine strand and excellent chopping and dispersion leading to even coverage at very low mat area densities and long chop lengths. This is especially useful in manufacturing of various Headliners, bumpers and specialty electrical covers.

#### Product Features

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

#### Identification :

Example	ER13-2400-440A
Glass Type	E
Assembled Roving	R
Filament Diameter(μm)	13
Linear Density(tex)	2400,4800
Size Code	440A



#### Technical Parameters

Linear Density (%)	Moisture Content (%)	Size Content (%)	Stiffness (mm)
ISO 1889	ISO 3344	ISO 1887	ISO 3375
± 4	≤ 0.10	1.15± 0.15	145± 20

#### Packaging

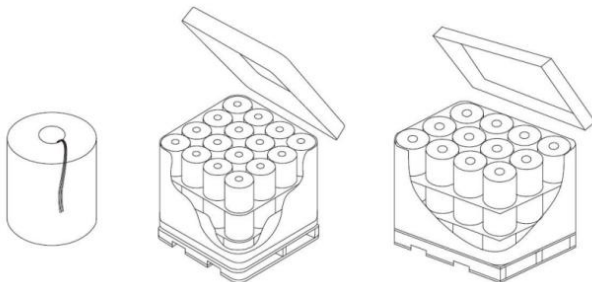
The product can be packed on pallet or in small cardboard boxes.

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)

#### 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°C~35°C 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.

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)