

**386 Direct Roving is coated with a silane-based sizing compatible with unsaturated polyester, vinyl ester and epoxy resins and designed for filament winding, pultrusion and weaving applications. 386 is suitable for use in pipes, pressure vessels, gratings and profile and the woven rovings converted from it are used in boats and chemical storage tank.**

### Product Features

- ◎ Good process performance and low fuzz
- ◎ Compatibility with a multiple of resin systems
- ◎ Complete and fast wet-out
- ◎ Good mechanical properties of woven fabrics

### Identification

Glass Type	E										
Type of Size	Silane										
Size Code	386										
Tex	300	200	600	900	1100	1500	1700	2200	2400	9600	
	735	400			1200				4800		
Filament Diameter	14	16	17	15	17	18	19	22	24	31	



### Technical Parameters

Linear Density (%)	Moisture Content (%)	Size Content (%)	Breakage Strength (N/tex)
ISO 1889	ISO 3344	ISO 1887	ISO 3341
± 5	≤ 0.10	0.55 ± 0.15	≥ 0.40

### Mechanical Properties

Mechanical Properties	Unit	Value	Resin	Method
Tensile Strength	MPa	1970	polyester	ASTM D2343
Tensile Modulus	MPa	78794	polyester	ASTM D2343

The above data are actual experimental values for EDR24-2400-386 and for reference only.

### Storage

Unless otherwise specified, fiberglass products should be stored in a dry, cool and rain-proof area. It is recommended that the room temperature and humidity should be always maintained at 15°C ~ 35°C and 35% ~ 65% 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, 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)	260 (10)
Package inside diameter mm (in)	160 (6.3)	160 (6.3)
Package outside diameter mm (in)	270 (10.6)	310 (12.2)
Package weight kg (lb)	15.6 (34.4)	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 (in)	750 (1653.4)	1000 (2204.6)	792 (1746)	1056 (2328)

Pallet length mm (in)	1120 (44)	1270 (50)
Pallet width mm (in)	1120 (44)	960 (37.8)
Pallet height mm (in)	940 (37)	1180 (46.5)

