

622 Assembled Roving for Centrifugal Casting process is coated with a silane-based sizing, compatible with unsaturated polyester resins.

622 is a proprietary sizing formulation applied using a special manufacturing process which together result in an extremely fast wet-out speed and very low resin demand. These features enable maximum filler loading and therefore the lowest cost pipe manufacture. This roving is mainly used to manufacture Centrifugal Casting pipes of various specifications and some special Spay-up processes.

Product Features

- ◎ Excellent static control and choppability
- ◎ Very fast wet-out (solubility)
- ◎ Low resin demand, allowing high filler loading for low cost
- ◎ Excellent mechanical property of the finished composite part with resins

Identification

| | |
|----------------------------------|---------------|
| Example | ER13-2400-622 |
| Type of Glass | E |
| Assembled Roving | R |
| Filament Diameter, μm | 13 |
| Linear Density, tex | 2400 |
| Size Code | 622 |



Technical Parameters

| Linear Density (%) | Moisture Content (%) | Size Content (%) | Stiffness (mm) |
|--------------------|----------------------|------------------|----------------|
| ISO 1889 | ISO 3344 | ISO 1887 | ISO 3375 |
| ± 5 | ≤ 0.10 | 0.95 ± 0.15 | 130 ± 20 |

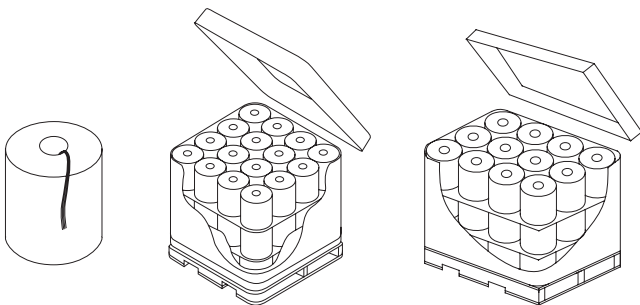
Packaging

* 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) | 100 (4) | 100 (4) |
| Package outside diameter mm (in) | 270 (10.6) | 310 (12.2) |
| Package weight kg (lb) | 17 (37.4) | 23 (50.7) |

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 $15^{\circ}\text{C} \sim 35^{\circ}\text{C}$ and $35\% \sim 65\%$ 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, 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 (1797.3) | 1088 (2396.5) | 828 (1825.4) | 1104 (2433.9) |

| | | | | |
|-----------------------|-----------|-------------|------------|-------------|
| 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) | 940 (37) | 1180 (46.5) |