



**CUSTOMER
ACCEPTANCE
STANDARD**

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**ME3003 ROVING DESIGNED FOR CHOPPING
OPERATIONS (Taloja)**

1. PRODUCT DESCRIPTION

ME3003 roving is a chopper gun roving formed from a collection of continuous glass strands gathered, without mechanical twist, and wound into a cylindrical package. The strands are bonded together with a polyester & vinyl ester compatible silane size.

This product is made with Advantex® glass fibers. Advantex glass combines the excellent mechanical and electrical properties of traditional E-Glass with the acid corrosion resistance of E-CR-Glass. Advantex glass satisfies the requirements and description of both E-Glass and E-CR-Glass according to ISO 2078 and ASTM D 578.

ME3003 roving is manufactured in conformity with the following standards: ISO 2797 and DIN 61855.

ME3003 roving is approved by the Lloyds's Register of Shipping and by Det Norske Veritas.

2. FEATURES

- Outstanding runnability
- Optimum dispersion and low static
- Excellent glass lay down
- Fast resin wet out and wet through
- Superior roll out
- Very good confirmability & air release

3. APPLICATION

ME 3003 multi end roving is a general purpose glass fibre reinforcement designed for use with high speed and robotised chopper gun depositor systems using polyester laminating resins. It may be used with standard or filled grade resins. The product is useful in, but not limited to, applications within the marine construction, consumer, recreation and transportation markets. The versatility of ME 3003 comes from its performance which is typified by: minimum static and excellent roving runability, good



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choppability, even & flat dispersion onto the mould, efficient air release and conformity to commonly used radii with economical resin consumption.

4. AVAILABLE PRODUCTS

Identification number	Bare glass linear density (tex)	Available package	Package type	Approximate package wt (kg)
ME3003	2420	J	Tubeless	17
ME3003	2420	N	Tubeless	21.9

5. PACKAGING, IDENTIFICATION AND PALLETIZATION

For packaging, identification and palletization see packaging standard
EPS 2 for package J in Bulk Pack
EPS 7 for package N in Bulk Pack
EPS 8 for package N in Creel-Pak ®

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6. SIGNIFICANT PROPERTIES AND TEST METHODS

Properties	Specification			Test Methods
	Min	Nominal	Max	
Linear Density (tex) (including solids)	2279	2451	2622	TM-RO-01-PP (2)
Loss on Ignition (%) (3)	1.16	1.23	1.34	TM-RO-01-PP

- (1) Available upon request.
- (2) If one individual linear density result is found outside the specified limits, a recheck shall be made on the same roving ball after having unwound 100 m. This recheck result is to be taken into consideration.
- (3) Moisture has been established at < 0.2 %

7. VISUAL REQUIREMENTS

The roving shall be firmly and evenly wound with uniform lay, equal traverse length and straight package build.
A package that has (inside the build or on its surface) visible grease, oil, dirt or other foreign matter, 3 mm or less in diameter is rejectable if the total



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number of defects exceeds three. A package is also rejectable if it contains one of such defects greater than 3 mm in diameter.

8. STORAGE CONDITIONS

Unless otherwise specified, it is recommended to store glass fibre products in a cool dry area. Temperature should not exceed 35°C and the relative humidity should be kept below 75 %. Glass fibre products must remain in

packaging material until just prior to its use. If these conditions are respected, glass fibre products should not undergo significant changes when stored for extended periods of time.

The packaging system is designed to allow stacking of two pallets. When stacking two high, care should be taken to correctly and smoothly place the top pallet. Owens Corning is not responsible for any damage resulting from stacking pallets higher than two high.

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