



9703 ENHANCED LINE SPEED

9703 wet-use chopped strand (WUCS), featuring Advantex® glass fibers, is specifically designed for improved line speeds and product strength in the manufacturing of wet-process glass veils.

- Patented Advantex® corrosion resistant E-CR by Owens Corning combines the excellent mechanical and electrical properties of traditional E-glass and E-CR glass for superior strength and performance.
- Boron-free Advantex® glass contributes to decreased emissions and reduces the environmental impact of manufacturing fiberglass.

FOR IMPROVED LINE SPEED AND VEIL STRENGTH

Product Benefits

Excellent Tensile Strength

- Desirable veil and wet web strength for demanding construction and end-use products for home furnishings.

Efficient Processing

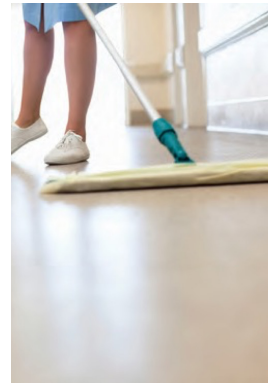
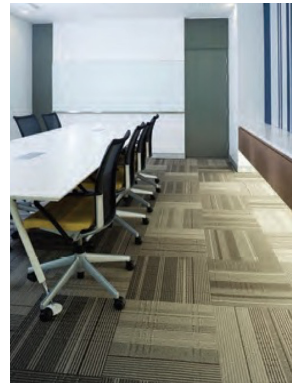
- Designed to improve wet web strength in non-wovens processing, allowing improved line speed and reduced veil defects.

Impressive Mechanical Properties

- Advantex® glass helps fight corrosion, enhancing service life compared to standard E-glass.
- Boron-free Advantex® glass contributes to decreased emissions, reduces the environmental impact of manufacturing fiberglass, and provides superior performance in corrosive environments compared to standard E-glass.

Applications

9703 is designed to provide strength and durability for construction and home furnishings including carpet tile, cushion and luxury vinyl flooring, and asphalt roofing shingles.



Design Properties

| | | MIN | NOM | MAX | FIBER TYPE |
|------------------------------|----------------|-------------------------|------------------------|--------------------------|---------------|
| Filament diameter (avg.)(µm) | | 9.5 12 12.7 15 | 10 13 13.7 16 | 10.5 14 14.7 17 | ISO 1888 |
| Fiber length (ind)(mm) | 10 13 18 | 8.0 11.0 16.0 | - - - | 12.0 15.0 20.0 | Standard rule |

Control Properties

| | | MIN | NOM | MAX | TEST METHOD |
|------------------------|--|------|------|------|-------------|
| Moisture (%) *1 | | 7.0 | 10.0 | 13.0 | TM-CS-01-GC |
| Solids (sizing)(%) | | 0.06 | 0.10 | 0.14 | |
| Long fibers (% weight) | | | | | |
| > 2L *2 | | | - | 1 | TM-CS-06-PP |
| > 3L to 100 mm *2 | | | - | 0.20 | |
| > 100 mm | | | - | 0 | |

*1: The nominal value provided for moisture reflects the average observed during manufacturing of the chopped strands. The tolerances are valid at time of shipment and are guaranteed for 15 days after shipment. If any incoming inspection is made by customer, it must be performed within this 15 days period.

2*: 2L: 2 times the average fiber length, 3L: 3 times the average fiber length.

Availability & Packaging

| NOMENCLATURE | SIZING | LENGTH (MM) | MANUFACTURING REGION |
|--------------|--------|-------------|----------------------|
| 9703-10W | 9703 | 10 | Europe |
| 9703-13W | 9703 | 13 | |
| 9703-13.7W | 9703 | 13 | |
| 9703-16W | 9703 | 18 | |

9703-10W10 mm, 13W13 mm, 13.7W 13 mm, and 16W18 mm wet-chopped strands are packed in a bulk bag with a conical bottom opening. Bulk bags are palletized one per pallet. Net weight: 1050 or 1150 kg. The load is fixed to the pallet with stretch film.

Labeling

Each bag has a self-adhesive identification label showing the product reference and the production date.

Storage

Glass fiber products must be kept in original sealed bags away from all sources of heat to avoid moisture loss. Owens Corning will accept no responsibility for any material stored in unsealed containers. For outside storage the material must be protected against direct sun, rain, and snow exposure. It is recommended that this material be used on FIFO (first in, first out) basis by the manufacturer. Due to the moisture on the glass, the material may freeze when exposed to low temperature conditions. It is recommended that, prior to use, the material be thawed at normal room temperature for a 72-hour period.



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