



# M723A

## Chopped Strand Mat For Conformability

### PRODUCT DESCRIPTION

M723A is a medium-fine fiber, rapid wetting chopped strand mat and is composed of silane sized multi-length (one to two inch) chopped glass filament bundles that average 16,500 yards/pound (30 tex or g/km). It is bonded together with a small amount of highly soluble powdered polyester binder and is designed to be randomly oriented and multi-resin compatible.

This product is produced using Advantex® glass fiber. Advantex® glass fiber combines the excellent mechanical and electrical properties of traditional E-glasses with the acid resistance of E-CR glasses.



### TECHNICAL CHARACTERISTICS (NOMINAL VALUES)

| WEIGHT (g/m <sup>2</sup> ) | LOSS ON IGNITION (%) |
|----------------------------|----------------------|
| 300                        | 3.24                 |
| 450                        | 3.15                 |
| 600                        | 3.15                 |
| 900                        | 2.83                 |

### VISUAL CHARACTERISTICS OR POSSIBLE DEFECTS

- Excellent dry handling characteristics for consistent unrolling, part/kit cutting and manipulation
- Superior wet tensile strength for pre-wetting processes and easier placement and adjustment
- Exceptional roll density for fewer roll changes and reduced handling
- Superior mechanical properties and resin compatibility
- Lloyd's Register, Det Norske Veritas and Germanischer Lloyds certifications

# M723A

## Chopped Strand Mat For Conformability

### PRODUCT AVAILABILITY

The mat is wound on a 101.6 mm (4") inside diameter tube to an approximate outside roll diameter of 279.4 mm (11").

| ROLL CHARACTERISTICS |                    |            |    |                          |     |                          |    |
|----------------------|--------------------|------------|----|--------------------------|-----|--------------------------|----|
| Nominal mat weight   |                    | Roll width |    | Nominal full roll length |     | Nominal full roll weight |    |
| (gm/m <sup>2</sup> ) | oz/ft <sup>2</sup> | cm         | in | m                        | yd  | kg                       | lb |
| 300                  | 1                  | 96.5       | 38 | 97                       | 106 | 28                       | 62 |
|                      |                    | 127        | 50 | 97                       | 106 | 37                       | 81 |
|                      |                    | 152.4      | 60 | 97                       | 106 | 44                       | 97 |
| 450                  | 1.5                | 96.5       | 38 | 66                       | 72  | 29                       | 63 |
|                      |                    | 127        | 50 | 66                       | 72  | 38                       | 83 |
|                      |                    | 152.4      | 60 | 66                       | 72  | 45                       | 99 |
| 600                  | 2                  | 96.5       | 38 | 49                       | 54  | 29                       | 63 |
|                      |                    | 127        | 50 | 49                       | 54  | 38                       | 82 |
|                      |                    | 152.4      | 60 | 49                       | 54  | 45                       | 99 |
| 900                  | 3                  | 96.5       | 38 | 33                       | 36  | 28                       | 63 |
|                      |                    | 127        | 50 | 33                       | 36  | 37                       | 82 |
|                      |                    | 152.4      | 60 | 33                       | 36  | 45                       | 98 |

### PACKAGING

The mat rolls are packaged to provide adequate protection during shipping and storage as well as minimizing waste for the customer. Each roll is individually enclosed in Cling-Pak® wrap, stood vertically, and palletized nine (9) rolls per pallet. The pallet load is banded with tape and Cling-Pak® wrapped.

### LABELING

Identification: Each roll shall display a label with the following information (in both Imperial and SI units where applicable):

- Product Name
- Nominal Weight
- Product Code
- Roll Width
- Roll Number
- Date of Manufacture
- Time of Manufacture
- Net Weight

### STORAGE

The M723A mat should be stored in its original packaging in a dry and cool place. Best conditions are at temperature from 10 to 35°C and humidity between 35 and 85%. If you store the product at lower temperatures, please move the soon to be processed pallets to the production area 24 hours ahead of time; remove part of the protective cover of each roll to prevent condensation. You can stock pallets one on one with a plywood plank in between the two.

#### Contact

ChoppedStrandMats.ocvamericas@owenscorning.com ChoppedStrandMats.ocvemea@owenscorning.com ChoppedStrandMats.ocvap@owenscorning.com



## OCV™ Reinforcements

**OWENS CORNING  
COMPOSITE MATERIALS, LLC**  
ONE OWENS CORNING PARKWAY  
TOLEDO, OHIO 43659  
1.800.GET.PINK™  
www.owenscorning.com  
www.ocvreinforcements.com

**EUROPEAN OWENS CORNING  
FIBERGLAS, SPRL.**  
166, CHAUSSÉE DE LA HULPE  
B-1170 BRUSSELS  
BELGIUM  
+32.2.674.82.11

**OWENS CORNING - OCV ASIA PACIFIC  
SHANGHAI REGIONAL HEADQUARTERS**  
2F OLIVE LVO. MANSION  
620 HUA SHAN ROAD  
SHANGHAI 200040  
CHINA  
+86.21.62489922

This information and data contained herein is offered solely as a guide in the selection of a reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial compounds when using this or any other reinforcement. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law safety code or insurance regulation.