

DuraCore® 300

Product description:

DuraCore® glass chopped strands are categorized as a wet chop fiber and are made of a continuous filament cut at specified length. The fiber and the proprietary chemical sizing are designed to provide the following properties:

- Prevent sagging: particularly important for lightweight wallboard.
- Prevent wallboard panels from crumbling in a fire.
- Slow the spread of fire.
- Provide reinforcement of panels to improve strength.
- Provide improved reinforcement during handling and processing.

DuraCore® is sold wet with a percentage of free moisture designed for optimal flow. The product is globally available based on production location.

DuraCore® chopped strands are used primarily as a reinforcement in gypsum wallboards but can also be used in ceiling tiles, reinforced paper, spray-on fireproofing, gypsum blocks and architectural plaster.

Compatibility:

- Water based slurry
- Dry and wet feed wallboard systems

Designation: Glass type is E-Glass

Benefits:

DuraCore® 300 has proven to be the preferred choice by wallboard manufacturers for:

- Consistent flow reduces over-feeding and cost.
- Pre-cut more economical versus rovings.
- Uniform dispersion in slurry mixing.
- Excellent glass distribution through the wallboard.
- Higher dosage efficiency for high speed lines.
- DuraCore® 300 1/4" and DuraCore® 300 1/2" comply with safety standards UL 263 Fire test for building construction and materials and ULC S101-14 Standard methods for fire endurance tests of building construction and materials. UL certificate issued on 24 March 2017.



JM Designation	Availability	Sizing name	Filament Diameter (µm)	ASTM D578 Letter Designation	Chopped Strands Length (mm, inch)
DuraCore® 300	Global	300	16	M	6 mm, 1/4"
			16	M	12 mm, 1/2"
			14	K	12 mm, 1/2"

Properties:

Property	Target
Filament Diameter ISO 1888	13.9 µm (K) , 15.9 µm (M)
Moisture Content ISO 3344	7.5% , 6% (at time of manufacture)
Sizing Content ISO 1887	0.12%
Strand Lengths Available	6 mm, 1/4" ; 12 mm, 1/2"
Water dispersion	All strands dispersable in tap water
Contamination	No foreign objects

Packaging:

Region	Packaging type	Pallet dimensions	Net weight per pallet	Units per pallet
NA	Bulk Bag	45" x 45"	2300 / 2800 Lbs	1
NA	50 Lbs. bags in box	30" x 30"	1000 Lbs	20
NA	50 Lbs. bags in box	36" x 45"	1500 / 1750 Lbs	30 / 35
NA	Bulk Carton	30" x 30"	1000 Lbs	1
NA	Bulk Bag in box (export container)	45" x 36"	1882 Lbs	1
EU	Big Bag	1140 x 1140 mm	925 / 940 kg	1
EU	25kg bags in box	920 x 1130 x 1200 mm	1018 / 1034 kg	44

JM offers a variety of packing options in various configurations to meet your specific requirements. Consult Johns Manville for complete information on available containers: fibers@jm.com

Storage:

These products should be stored in original packaging in dry, roofed, dust free storehouses. The recommended temperature is between 10°C to 30°C (59°F to 86°F). The products should remain in the original packaging and be conditioned in the work area for a minimum of 24 hours prior to use. The pallets should be single stacked unless otherwise specified on the packaging unit. When maintaining the recommended storing conditions, the shelflife of the product is 6 months in original packaging.

Warranty disclaimer:

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of this product represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the Regional Sales Office nearest you for the most current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on Johns Manville products, please visit www.jm.com/en/login/policies-terms-and-conditions or call (800)654-3103.

**US Headquarters**

Johns Manville
717 17th Street
Denver, CO 80202 - USA
Phone: +1 (303) 978 2000

Customer-Service-Offices:**North America**

Johns Manville
7500 Dutch Road
Waterville, OH 43566 - USA
Phone: +1 (800) 554 4826

Europe

Johns Manville Slovakia, a.s.
Strojársená 1
91799 Trnava - Slovakia
Phone: +421 (0) 33 5918 249

www.jm.com
fibers@jm.com