



System solutions for proven performance in residential and commercial asphalt roofing and other demanding industrial applications

Innovative Solutions

To your toughest wet process challenges

The Wet-Use Chopped Strands product line represents a technological advance in Owens Corning's commitment to provide value-added products to our customers. Owens Corning's global network of people and facilities stands ready to help you develop innovative solutions to your toughest wet process challenges.

Product Solutions

Owens Corning Wet-Use Chopped Strands are coated glass fiber filaments specifically engineered for use in wet-process, nonwoven applications. Wet-Use Chopped Strands offer improved strength and dimensional stability at reasonable cost. They perform well in a variety of temperature and humidity conditions and resist most chemicals, rot and vermin.

Wet-Use Chopped Strands disperse uniformly and quickly in water-based bonding systems, whether acidic, neutral or basic. They add value and mix well with organic and fibrous materials such as wood, paper and polyester.

Available with various chemical sizings and in different diameters and lengths, these value-added products can be customized to meet your evolving wet-process product, process and quality needs.

The 9501 and 9502 families of Wet-Use Chopped Strands have been specifically designed for residential and commercial roofing as well as industrial wet-formed mat specialty applications such as facers and flooring tiles.

9501 is specifically engineered to provide superior wet-tensile mat and high tear properties to allow customers to run at faster line speeds, thus increasing their productivity. 9502 is designed to provide enhanced shingle tear properties, a 15 percent increase over our previous product offering. This provides higher quality and longer-life shingles to meet ever-increasing industry demands.



Wet-Use Chopped Strands

Add value to your product and process

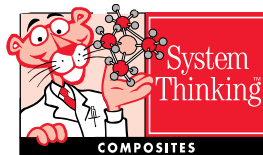
Owens Corning understands that not only meeting, but exceeding your process and product requirements translates into success for you – today and into the future. That's why we engineer our Wet-Use Chopped Strands products to provide optimum processing properties, as well as end-use performance.

Features

- Dimensional stability
- Strength
- Mat is impregnated with asphalt during formation
- Tear strength
- Tensile strength
- Temperature resistance
- Resists vermin, rot and most chemicals
- Returnable tub containers

Benefits

- Shingles stay flat even under humid conditions
- Added reinforcement for stronger shingles
- Efficient, one-step processing
- Reduces wind damage for longer shingle life
- Withstands high equipment speeds for increased productivity
- Shingles perform well in harsh climatic conditions
- Increases product durability
- 6-8 percent larger capacity, fewer disposables





9501 & 9502 Wet-Use Chopped Strands

Product Data

	9501 Wet-Use Chopped Strands	9502 Wet-Use Chopped Strands
Diameter	11, 13.5 and 16 microns	13.5 and 16 microns
Chop Length	19mm, 25mm and 31mm (3/4", 1" and 1 1/4")	31mm (1 1/4")
Moisture Content	13%	13%
Organic Content	0.08%	0.22%
Structure	Single fiber to 2000-filament bundle	Single fiber to 2000-filament bundle
Water Systems	Compatible with acidic, neutral or basic systems	Compatible with acidic, neutral or basic systems
Shelf Life	12 months from date of manufacture	12 months from date of manufacture
Packaging	1281kg (2825 lb) bulk carton. Wet-Use Chopped Strands products are packaged in sealed polyethylene bags to retain moisture. Owens Corning 1270-1361kg (2800-3000 lb) Returnable Container.	1361kg (3000 lb) bulk carton. Wet-Use Chopped Strands products are packaged in sealed polyethylene bags to retain moisture. Owens Corning 1361kg (3000 lb) Returnable Container.

Owens Corning's Returnable Container is a great value for our customers:

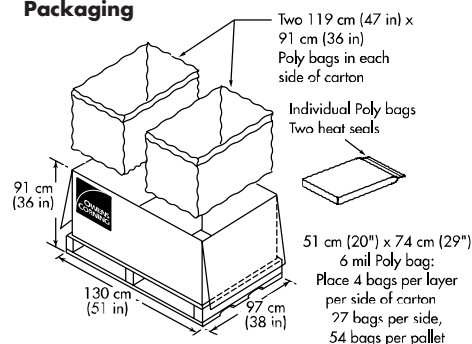
- Minimizes the potential for former wire damage and reduces scrap rate by eliminating the source of wood contamination.
- Scrap rates are reduced as the container eliminates the source of corrugated contamination.
- With 6 percent greater capacity, handling is reduced as well as wear and tear on handling equipment.
- Fewer packaging items to dispose of with 50 percent less polyethylene and no stretch wrap.

- Enhances safety and housekeeping with one less bag to open. By eliminating bags, the container also helps prevent moisture and sizing leakages.

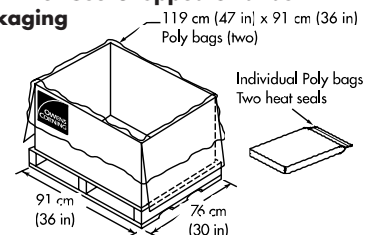
Contact your Owens Corning sales representative to request further information on the returnable containers.

Owens Corning Wet-Use Chopped Strands are available in a variety of lengths, from 1.5mm-62mm (1/16"-3") and in diameters from 6.5 to 23 microns. Your Owens Corning sales representative and our technical specialists will work with you to customize these products to meet your specific application development.

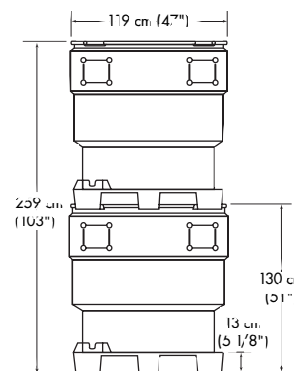
9501 Wet-Use Chopped Strands Packaging



9502 Wet-Use Chopped Strands Packaging



Returnable Wet-Use Chopped Strands Container



SYSTEM THINKING™
Makes the Difference

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