

CARPENTER
SYNTHETIC FILTER
MEDIA

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CARPENTER We bring comfort to your life.™

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CARPENTER



COMMITTED TO YOUR SUCCESS

Based upon teamwork and customer focus, the Filtration Division of Carpenter is committed to the development, manufacturing and distribution of a wide variety of synthetic media used in filtration products worldwide.

MISSION STATEMENT

A NEW COMMITMENT

At Carpenter, we realize our success is determined by the success of our customers. And we strive to show our commitment to you the only way we know - by delivering the highest quality products and services available.

Our air filtration media are an important part of the success equation. Specifications, quality and production capacity all play a role. So does our commitment to research and our principles of customer service.

But what's really important is how Carpenter can give you an advantage in the marketplace, or offer a head start in service, or develop new products that lower production costs.

At Carpenter, that's the way we like to work. For you.

THE RESEARCH COMMITMENT

At Carpenter, we want you to be able to serve your customers with honest quality and real value. So we do our job - researching, testing and producing air filtration media that deliver consistent performance, greater environmental responsibility and higher value. New synthetic materials and laminates that will serve you and your customers during the 21st century are already under investigation.

Part of our Vision Statement is administered at Carpenter's Reinhart Technical Center. There, our in-house ASHRAE test duct enables us to monitor air filtration characteristics and contribute to product development.

THE ENVIRONMENTAL COMMITMENT

To most companies, air filtration means cleaner air. But at Carpenter, we think it means a cleaner world. And a healthier business environment.

Our new printing process reduces the amount of scrap materials generated in the production process and greatly reduces the amount of tint deposited in landfills. For you, that means reducing the cost and inconvenience of waste disposal and better product identification.

And now, we go one step further. We'll reclaim your usable white trim - actually purchase it back! Thanks to Carpenter's diversity and vertical integration, we can recycle it into other products that use second-generation materials.

THE SERVICE COMMITMENT

Throughout Carpenter - from coast to coast - all of our filtration managers have been certified by NAFA. We believe knowledge is the basis of understanding that enables us to relate to the needs of our customers.

By listening to our customers, Carpenter has discovered new approaches that deliver the right combination of quality, value and service. An important part of that equation is the strategic position of our manufacturing facilities. Four plants located throughout the United States give you better service, quicker turn-around, decreased inventory and lower freight costs. We offer the best lead time in the industry - from 7-10 working days from receipt of your order.

Even though we manufacture at multiple production facilities across the country, the products are always uniform and completely standardized. All of our media have a Certificate of Compliance - your assurance that they satisfy published specifications.

Every roll of filter media is weighed to ensure strict compliance with customer specifications. Roll lengths are measured electronically.

Blend ratios, line speeds, resin application and feed rates are all controlled electronically.

FILTRATION MEDIA SPECIFICATIONS

PRODUCT	WEIGHT	LOFT	DENIER	PRESSURE DROP	ARRESTANCE	EFFICIENCY
3M*	.38 oz./sq. feet	3/8 - 1/2"	6 DN			
4M*	.45 oz./sq. feet	1/2 - 3/4"	6 DN	.065 @ 300 FPM	86.3% Peak	<20%
5M	.56 oz./sq. feet	5/8 - 7/8"	6 DN			
6M*	.67 oz./sq. feet	3/4 - 1"	6/15 DN	.095 @ 300 FPM	83.2% Peak	<20%
7M	.78 oz./sq. feet	7/8 - 1 1/8"	6/15 DN	.215 @ 300 FPM	91.8% Peak	<20%
8M	.89 oz./sq. feet	1 1/8 - 1 3/8"	6/15 DN			
9M	.99 oz./sq. feet	1 3/8 - 1 5/8"	6/15 DN	.22 @ 300 FPM	88.8% Peak	<20%
10M*	1.1 oz./sq. feet	1 1/2 - 1 3/4"	6/15 DN	.265 @ 300 FPM	91.8% Peak	<20%

DUAL-DENIER (GARNETT)

PRODUCT	WEIGHT	LOFT	DENIER
9M*	.99 oz./sq. feet	1 - 1 1/2"	15/32 DN
10M*	1.1 oz./sq. feet	1 1/4 - 1 3/4"	15/32 DN
ME1	1.2 oz./sq. feet	7/8 - 1 1/8"	6/15 DN
ME2	1.3 oz./sq. feet	1 1/2 - 1 3/4"	6/15 DN
PA3	1.3 oz./sq. feet	7/8 - 1 1/8"	15/40 DN
ME Ultra	1.3 oz./sq. feet	7/8 - 1 1/8"	6/15 G & 15/40 DN

* Designates standard product (Special note to width changes)

Roll Tolerances: Length Tolerances ± 3% - Loft Tolerances ± 1/8" - Slitting Tolerances ± 1/4"

Notes: Storage of rolls on end, or on side can result in 20% loss of loft or width after 20 days of extreme heat.

Binder: 975 Resin

Heat Sealable Binder Optional: Please Consult Factory

