

Spray booth expanded paper exhaust filter



spraymesh

www.spraymesh.com

AEREM[®]
TO FILTER & PROTECT

Produced by Aerem
www.aerem.com

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Why choose Spraymesh?



High Performance

Our filters ensure a filtration efficiency up to 99%.



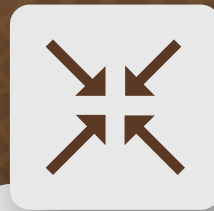
Long filter life

Choosing Spraymesh means choosing to reduce down time and number of filter change-outs.



Flexibility

Our SprayMesh filters are available in different combinations from 4 to 10 layers with or without polyester to reach the best performances adapted to any paint type and spraying environment.



Multipurpose and interchangeable use

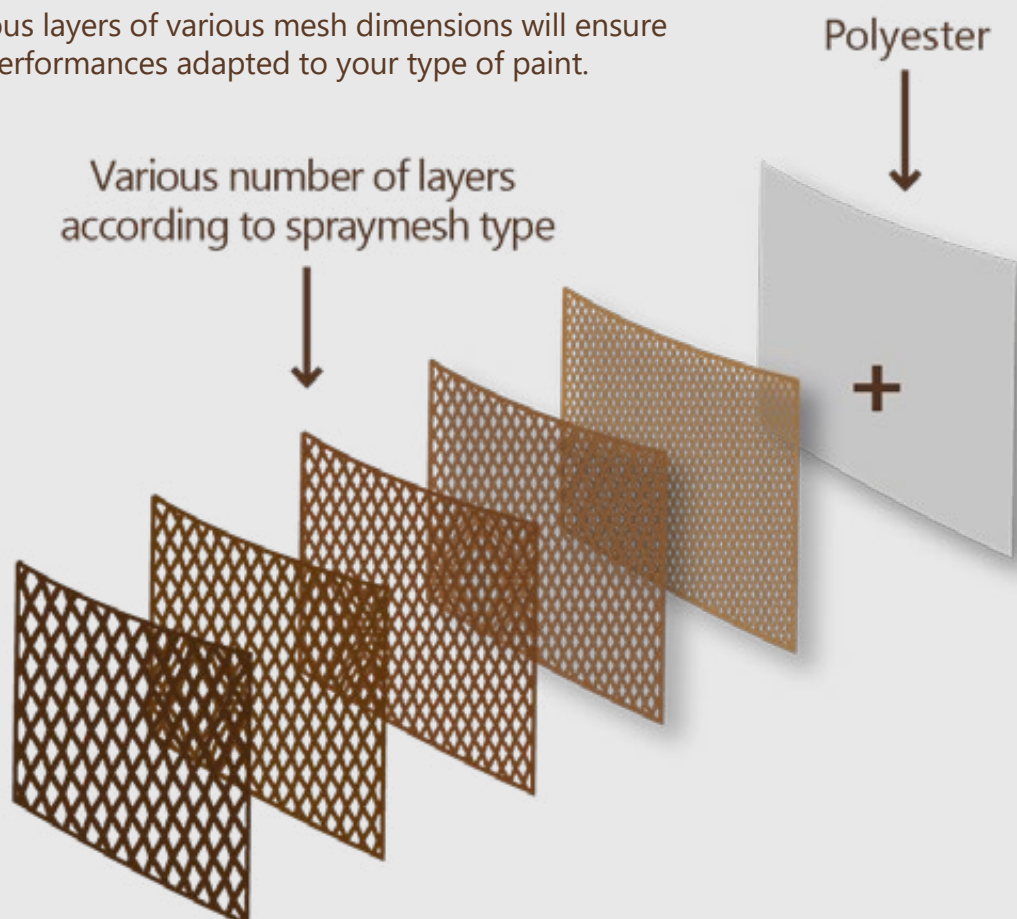
Spraymesh is suitable with a wide range of coating applications and can easily be interchangeable with any other filter.

Technology

Several expanded paper layers of different slit sizes building up into a flexible filtration configuration.

Spraymesh filters are made of recycled kraft paper. Several layers of meshed paper, going from very loose to very dense meshes are assembled to form a multilayer progressive mesh filter. This configuration allows an in depth paint loading, first layers taking care of the loading capacity, last layers allowing a high efficiency filtration performance.

Combining numerous layers of various mesh dimensions will ensure the best filtration performances adapted to your type of paint.



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BOOSTER *SprayMesh filter*

Our **BOOSTER** SprayMesh filter combined to any of our other filters will improve filtration efficiency and/or holding capacity.

Filtration efficiency: 85 to 93%

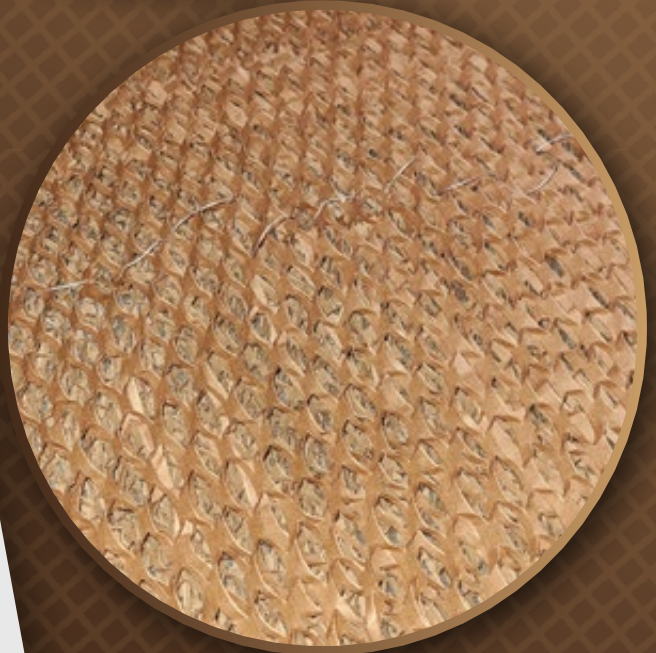
Holding capacity: 5 to 7 kg/m²
- 3 to 4 lbs/20"x20" pad

Initial airflow resistance at 0.75 m/sec
- 150 ft/min: 21 Pa – 0.09"WC

Layers: 4

Dimensions:
Rolls 42-43" x 30 ft
(107 - 110 cm x 9.15 m)

Code: SMS4B00



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REGULAR *SprayMesh filter*

The most universal
and economical filter.

Filtration efficiency: 93 to 97%

Holding capacity: 8 to 11 kg/m²
- 4 to 6 lbs/20"x20" pad

Initial airflow resistance at 0.75 m/sec
- 150 ft/min: 24 Pa - 0.09"WC

Layers: 6

Dimensions:
Rolls 42-43" x 30 ft
(107 - 110 cm x 9.15 m)

Code: SMS6R00



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EFFICIENCY *SprayMesh filter*

The Regular SprayMesh filter with an added back polyester layer for a higher filtration efficiency.

Filtration efficiency: 95 to 99,5%

Holding capacity: 9 to 12 kg/m²
- 5 to 7 lbs/20"x20" pad

Initial airflow resistance at 0.75 m/sec
- 150 ft/min: 26 Pa – 0.1"WC

Layers: 6+1 polyester

Dimensions:
Rolls 42-43" x 30 ft
(107 - 110 cm x 9.15 m)

Code: SMS6EB00



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CAPACITY *SprayMesh filter*

2 added paper layers resulting
in a higher holding capacity.

Filtration efficiency: 93 to 98%

Holding capacity: 10 to 13 kg/m²
- 6 to 7 lbs/20"x20" pad

Initial airflow resistance at 0.75 m/sec
- 150 ft/min: 25 Pa - 0.1"WC

Layers: 8

Dimensions:
Rolls 42-43" x 30 ft
(107 - 110 cm x 9.15 m)

Code: SMS8C00



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PREMIUM *SprayMesh filter*

The perfect all-in-one filter with a high filtration efficiency and a high holding capacity.

Filtration efficiency: 98 to 99,8%

Holding capacity: 11 to 14 kg/m²
- 6 to 8 lbs/20"x20" pad

Initial airflow resistance at 0.75 m/sec
- 150 ft/min: 26 Pa - 0.1"WC

Layers: 8+1 layer polyester

Dimensions:
Rolls 42-43" x 30 ft
(107 - 110 cm x 9.15 m)

Code: SMS8P10



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PERFORMANCE *SprayMesh filter*

A combination of our Spraymesh **BOOSTER** and **REGULAR**.

Recommended filter for a high paint volume spray booth operation.

Filtration efficiency: 95 to 98%

Holding capacity: 13 to 15 kg/m²
- 7 to 9 lbs/20"x20" pad

Initial airflow resistance at 0.75 m/sec
- 150 ft/min: 25 Pa - 0.1"WC

Layers: 10 (4 Booster + 6 Regular)

Dimensions:
Rolls 42-43" x 30 ft
(107 - 110 cm x 9.15 m)

Code: SMS10P00



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SKILLFUL *SprayMesh filter*

A combination of our Spraymesh **BOOSTER** and **EFFICIENT**.

To keep fan and exhaust duct clean in a high paint volume spray booth operation.

Filtration efficiency: 98 to 99,9%

Holding capacity: 13 to 16 kg/m²
- 6 to 8 lbs/20"x20" pad

Initial airflow resistance at 0.75 m/sec
- 150 ft/min: 27 Pa - 0.11"WC

Layers: 11 (4 Booster + 6 Efficient +1 polyester)

Dimensions:
Rolls 42-43" x 30 ft
(107 - 110 cm x 9.15 m)

Code: SMS10S10



Spraying room

Wall filtration



Floor filtration



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TO FILTER & PROTECT

OUR MISSION

Aerem focuses on its customers' and partners' needs in the finishing industry. Every relationship is a privileged partnership based on professionalism, dialog and trust. Delivering the best service with performant, environmentally friendly quality products easy to dispose of is our commitment since 1963.

Our mission is to develop, manufacture and supply high performant filtration and protection products for spray booths that aim to keep a clean and safe working environment while enhancing the spray booths productivity.

OUR VISION

Aerem's ambition is to affirm its position by becoming an international multi-brand company focused on the global finishing industry with a wide variety of renowned and innovative filtration and protection products.

OUR VALUES

Aerem is above all a work of men and women united around the world for the success of the Group. They all share the same values in a solidarity and caring climate.



ENVIRONMENT

Protecting the environment is the responsibility of everyone. Aerem uses recycled raw materials in all of its products. Our sharply tuned and performant production processes result in low waste and low energy consumption.



CUSTOMER CARE

Because all our customers are important, our priority is to support them in their projects, build and maintain a long-term partnership to be able to bring the answers adapted to each need. Over 900 distributors around the world trust us.



PROTECTION

We seriously consider the need to protect the operator and provide a secure working environment through our products and services. This is why our filters are free of polluting or toxic products. They can be stored, handled and incinerated or landfilled safely.



MULTICULTURALISM

Aerem is a selfie of multiculturalism and diversity. Our teams are made of men and women of different languages, cultures and origins. It is in this spirit of openness and diversity that we seek to build a partnership with you.



RESPECT & INTEGRITY

We treat others with respect and comply with all internal and external norms and regulations. We strive to always act with transparency and honesty.

Visit our website: www.spraymesh.com

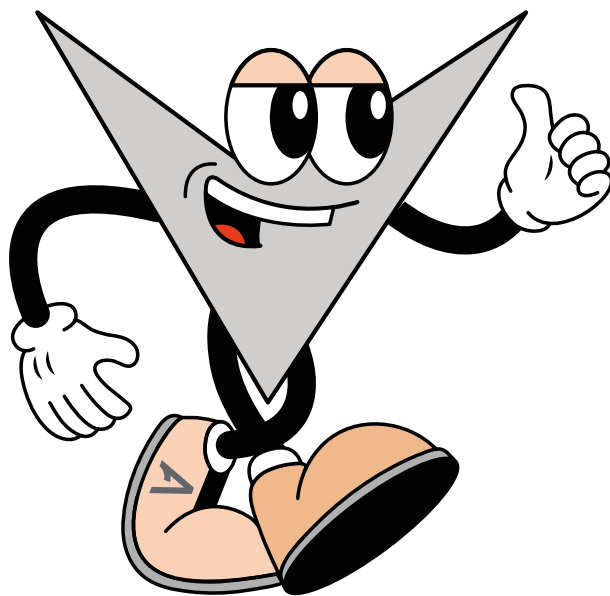
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For **quotes** or **orders**, contact one of our sales representatives located in your region.



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