



ORIGINAL FILTERS

Product Catalogue

Separation by Inertia How does it work?

Filtration is not restricted to capturing particles with a succession of wider to smaller meshed apertures. Our ingenious filters use another principle: separation by inertia.

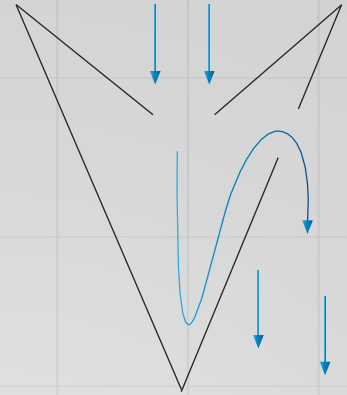
The migration phenomenon is common when slow-drying coatings are used in combination with mesh or fiberglass filters. This happens when the airflow pulls out particles previously trapped in the mesh or fiberglass. Consequently, the once deposited particles will again migrate throughout the system. However, with the Andreae Filter Separation by Inertia principle, the paint particles stay trapped in the retention pocket outside of the airstream.

Airflow loaded with paint particles (overspray) will suffer several radical changes in direction. These paint particles, heavier than air, follow tangent trajectories within the airflow. Thus, paint particles which accumulate in our retention pockets, outside of the air stream, allow the airflow to exit the filter virtually free of any overspray. As a result, our renowned high holding capacity filters hold up to 5 times more than common mesh filters.

Consequently, the static pressure within the booth increases slowly. This has two main advantages, the spray booth stays cleaner longer and the airflow around the coated parts stays uniform throughout the life of the filters.

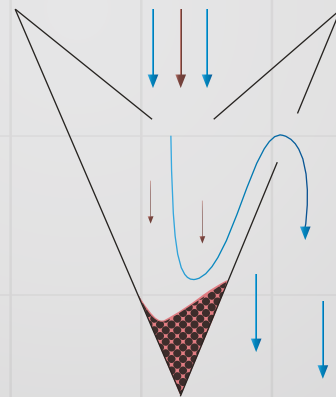
1 Airflow

Airflow enters the retention pockets and travels all the way through the twists and turns of the unique design of our accordion filter.



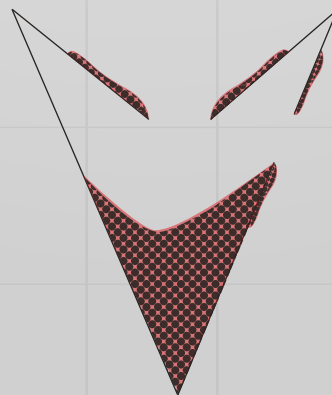
2 Overspray

The paint particles which are heavier than air, follow tangent trajectories within the airflow and gradually accumulate in the retention pockets outside of the airstream. This eliminates the migration phenomenon inherent to fiberglass and mesh type filters.



3 Paint deposit

The paint deposits accumulate in voluminous retention pockets, as well as on the side and front of the filter.





andreae[®] to filter & protect
TEAM

You say filter, we say Andreae. Welcome to Andreae Team

In an industry where trends have come and gone, we are proud to say that Andreae Team has been in business for over 50 years with the commitment to provide the highest quality products and service.

To filter the air in spray booth operations with effective and efficient filters and to protect spray booth workers and the environment is our mission.

To be of a major influence in the global finishing industry with a wide variety of renowned and innovative filtration products is our vision.

Optimizing the client experience with top rated client service, exceptional rewards programs to maximise client growth and to maintain the best quality filtration products on the market are our values.

Partnership

At Andreae Team, Partnership means that we are committed to active listening to our clients and responding to their needs.

Respect

Respect is fundamental to us and we value the time and effort you put into building your business. We do not have small or big clients, we have clients, period.

Environment

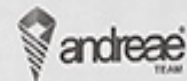
We believe that environmental protection is everyone's responsibility. This is why we use recycled raw materials and the limited waste of our production is recycled and reinjected into our production process.

Protection

Individual protection and safe work environments are our first concerns. This is why our filters are free of any dangerous fabrics or toxic gases. They are easy to use, safe to manipulate and to dispose.

Multiculturalism

Andreae Team is a snapshot of multiculturalism and diversity. Our team includes men and women from different cultures and backgrounds. It is in this spirit of openness and diversity that we seek to build a relationship with you.





The benefits of Andreae Range

The wide range of Andreae Filters enables you to catch a large variety of coatings including high solid enamels, baked and air dried enamels, glues, oils, stains, lacquers, fiberglass, epoxies, asphalts, clear coats, tar, Teflon, etc.. No matter what type of paint your clients work with, the Andreae range will give you the proper solution.

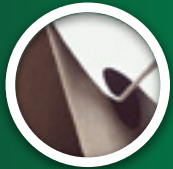
- ▼ High holding capacity up to 5 times higher than other filter types.
- ▼ High efficiency near 100% depending on the paint used.
- ▼ Fewer filter changes resulting in higher spray booth productivity.
- ▼ Constant airflow in the spray booth throughout the life of the filter.
- ▼ Easiest filter to use on the market.
- ▼ Reduced freight and storage costs.
- ▼ Ecological product.





Starter

The Andreae Starter is a low intensity filter intended for least demanding spray booth operations. Developed with the same expectation level as the Original Andreae filters, the Starter is made out of 2 layers of "kraft" paper, punched, pleated and glued together. This product is ideal for a casual use of the spray booth and a great way to start with the Andreae range.



Andreae Design



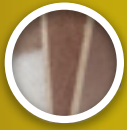
Performances

Load	Efficiency	
▼▼▼▼▼	▼▼▼▼▼	Lacquers
▼▼▼▼▼	▼▼▼▼▼	High Solids
▼▼▼▼▼	▼▼▼▼▼	Polyester Bi-Components

	10m2	H75 cm	H90 cm	H90 cm (10yd ²)	H100 cm
Brown	EF701	EF901	EF801	EF101	
White	EF703	EF903	EF803	EF103	
Flame Retardant	EF702	EF902	EF802	EF102	

Load [kg/m ²]		
Lacquers 10 kg / m ²	High Solids 15 kg / m ²	Polyester 18 kg / m ²
Efficiency [%]		
Lacquers 90 %	High Solids 97 %	Polyester 98.1 %
Recommended Air Velocity:		
0.5 to 1 m/s		
Pressure drop at / by:		
0.5 m/s 20 pa	0.75 m/s 30 pa	1.0 m/s 40 pa
Max. recommended pressure drop:		
128 pa (possible up to 256)		

The Original



Rigid Structure



Extension Limiter



Reference Filter

Since over 50 years now, the Andreae Original has been the reference filter on the market. It remains the most universal and common filter in use. Our Original is made out of 2 layers of heavy "kraft" paper, punched, pleated and glued together with 2 built-in extension limiters. Thanks to these limiters, the maximum load capacity is guaranteed. The Original is the filter for all paint types.



Performances

Load	Efficiency	
▼▼▼▼▼	▼▼▼▼▼	Lacquers
▼▼▼▼▼	▼▼▼▼▼	High Solids
▼▼▼▼▼	▼▼▼▼▼	Polyester Bi-Components

10m2 H75 cm H90 cm H90 cm (10yd²) H100 cm

Brown AF711 AF911 AF811 AF111

White AF713 AF913 AF813 AF113

Flame Retardant AF712 AF912 AF812 AF112

Load [kg/m²]

Lacquers 10 kg / m ²	High Solids 15 kg / m ²	Polyester 18 kg / m ²
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Efficiency [%]

Lacquers 90 %	High Solids 97 %	Polyester 98.1 %
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Recommended Air Velocity:

0.5 to 1 m/s

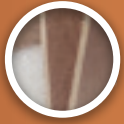
Pressure drop at / by:

0.5 m/s 20 pa	0.75 m/s 30 pa	1.0 m/s 40 pa
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Max. recommended pressure drop:

128 pa (possible up to 256)

High Capacity Original



Rigid Structure



Capacity Strips



High Capacity

The Andreae HC Original Filter has a loading capacity up to 5 times higher than any other filter type on the market. Its unique structure allows for more paint deposit areas and a more even and in depth paint loading. The HC is made out of 2 layers of heavy "kraft" paper, punched, pleated and glued together with additional large paper strips on the front to offer a higher load capacity.



Performances

Load	Efficiency	
▼▼▼▼▼	▼▼▼▼▼	Lacquers
▼▼▼▼▼	▼▼▼▼▼	High Solids
▼▼▼▼▼	▼▼▼▼▼	Polyester Bi-Components

Load [kg/m²]

Lacquers 13 kg / m ²	High Solids 20 kg / m ²	Polyester 28 kg / m ²
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Efficiency [%]

Lacquers 91 %	High Solids 97.5 %	Polyester 98.3 %
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Recommended Air Velocity:

0.5 to 1 m/s

Pressure drop at / by:

0.5 m/s 21 pa	0.75 m/s 32 pa	1.0 m/s 42 pa
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Max. recommended pressure drop:

128pa (possible up to 256)

10m2 H75 cm H90 cm H90 cm (10yd²) H100 cm

Brown AF731 AF931 AF831 AF131

White AF733 AF933 AF833 AF133

Flame Retardant AF732 AF932 AF832 AF132

High Efficiency Original



Rigid Structure



Polyester Layer



High Efficiency

The Andreae HE Original Filter will bring a filtration efficiency near 100% while keeping the high loading capacity of the Andreae Original filter. The HE is made out of 2 layers of heavy "kraft" paper, punched, pleated and glued together completed with a polyester layer on its back increasing its filtration efficiency.



Performances

Load	Efficiency	
▼▼▼▼▼	▼▼▼▼▼	Lacquers
▼▼▼▼▼	▼▼▼▼▼	High Solids
▼▼▼▼▼	▼▼▼▼▼	Polyester Bi-Components

	8m2	H75 cm	H90 cm	H100 cm
Brown	AF721	AF921	AF121	
White	AF723	AF923	AF123	
Flame Retardant	AF722	AF922	AF122	

Load [kg/m²]

Lacquers 13 kg / m ²	High Solids 20 kg / m ²	Polyester 20 kg / m ²
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Efficiency [%]

Lacquers 97 %	High Solids 98.5 %	Polyester 99.2 %
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Recommended Air Velocity:

0.5 to 1 m/s

Pressure drop at / by:

0.5 m/s 21 pa	0.75 m/s 32 pa	1.0 m/s 42 pa
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Max. recommended pressure drop:

128 pa (possible up to 256)

High Holding Original



Rigid Structure



Fiberglass Layer



Efficiency

The Andreae HH Original filter has a higher filtration efficiency while keeping low airflow resistance. This means the filter lasts longer, ensuring a reduction in maintenance costs. The HH is made out of 2 layers of heavy "kraft" paper punched, pleated and glued together, completed with a fiberglass layer increasing both the filter's holding capacity and filtration efficiency.



Performances

Load	Efficiency	
▼▼▼▼▼	▼▼▼▼▼	Lacquers
▼▼▼▼▼	▼▼▼▼▼	High Solids
▼▼▼▼▼	▼▼▼▼▼	Polyester Bi-Components

8m2 H75 cm H90 cm H100 cm

Brown AF751 AF951 AF151

White AF753 AF953 AF153

Load [kg/m2]

Lacquers 11 kg / m2	High Solids 17 kg / m2	Polyester 22 kg / m2
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Efficiency [%]

Lacquers 95 %	High Solids 98 %	Polyester 99 %
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Recommended Air Velocity:

0.5 to 1 m/s

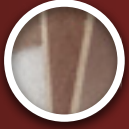
Pressure drop at / by:

0.5 m/s 20 pa	0.75 m/s 30 pa	1.0 m/s 40 pa
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Max. recommended pressure drop:

128 pa (possible up to 256)

High Productivity Original



Rigid Structure



Capacity Strips



Top Capacity



Polyester Layer



Top Efficiency

The Andreae HP Original filter combines the performances of the High Capacity and the High Efficiency filters. The HP is made out of 2 layers of heavy "kraft" paper punched, pleated and glued together, completed with a polyester layer and additional large paper strips. It is the best-in-class choice for demanding spray booth operations.



Performances

Load	Efficiency	
▼▼▼▼▼	▼▼▼▼▼	Lacquers
▼▼▼▼▼	▼▼▼▼▼	High Solids
▼▼▼▼▼	▼▼▼▼▼	Polyester Bi-Components

8m2 H75 cm H90 cm H100 cm

Brown AF741 AF941 AF141

White AF743 AF943 AF143

Flame Retardant AF742 AF942 AF142

Load [kg/m2]

Lacquers 16 kg / m2	High Solids 21 kg / m2	Polyester 29 kg / m2
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Efficiency [%]

Lacquers 97.2 %	High Solids 98.6 %	Polyester 99.3 %
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Recommended Air Velocity:

0.5 to 1 m/s

Pressure drop at / by:

0.5 m/s 21 pa	0.75 m/s 32 pa	1.0 m/s 42 pa
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Max. recommended pressure drop:

128 pa (possible up to 256)

Why choose Andreae Team?

- ▼ Because we have over 50 years of experience.
- ▼ Because we have comprehensive technical knowledge of the industry.
- ▼ Because we have the widest product range regarding Andreae-type filters.
- ▼ Because we are adaptable to customers' needs.
- ▼ Because we have exceptional client service.
- ▼ Because all our clients are important to us.
- ▼ Because of our high level of commitment.



Inventors Since 1963

We created the "Andreae-type" filters and are proud to be in the market for over 50 years.



Always On Time

Our twice a week logistic delivery schedule together with our flexible production and well-stocked inventory assures you a timely and a guaranteed delivery.



Tailor-Made Solutions

Our standard product line consists of 6 filter types which come in 4 sizes and 3 different qualities for a total combination of 72 possibilities. We also produce on demand dimensions according to your needs.



The Best Fitted Filter

We have the widest product range on the market which insures that you can service your client needs with the best technical solution adapted to their spray booth operations.



Efficient Customer Service

Many have tried copying our popular Andreae Filter but no one can duplicate our strong customer service and over 50 years' experience. We are here for you to help with any technical or sales-related questions.

Andreae Team Locations Worldwide

UNITED STATES

SWITZERLAND

POLAND



Andreae Team Inc.

3550 Cypert Way
Ardmore, OK 73401-3707
Tel: +1 580 223 9334
Fax: +1 580 226 8189
info@andreaeteam.us

Andreae Team S.A.

Rue du Jeu de L'Arc 15
CH - 1207 Genève
Tel: +41 21 869 01 51
Fax: +41 21 869 95 80
info@andreaeteam.eu

Andreae Team Sp. z o. o.

ul. Lubczyńska 6 F
PL - 70-895 Szczecin
Tel: +48 91 884 90 00
Fax: +48 91 884 90 09
customers@andreaeteam.eu

www.andreaeteam.com