



Paint spray filtration
For a smooth,
spotless finish
everytime

A flawless finish

Air filters for paint shops and booths.

Air filters are vital components of painting systems. The air handling unit should ensure that make-up air is free from contamination.

When an attractive colour and a flawless look are a must for any finely finished item, the finishing operations must be conducted inside purposely designed, clean environments, where the whole painting process is performed under a dynamic clean air shield that prevents the fall of any foreign particle into the fresh paint layer.

Environment and workers' health protection, finish quality control, waste reduction, and plant efficiency are only achievable through the correct selection and use of quality air filters.

The Air Handling Unit (AHU) feeds fresh external air into the painting plant; employing a variety of air filters, selected for their type, efficiency grades and sizes. Such air, filtered and thermally conditioned, is known as "make-up air" and is injected directly into the plant. Our vast selection of quality filter elements includes practically any AHU filter spare, irrespective of which brand and model you operate.

A dust-free environment is key to achieving a smooth, spotless finish, everytime.



Ceiling filtration

VA synthetic media

CEILING FILTERS MAKE THE DIFFERENCE.

Within most plants, make-up air is diffused into the painting room via a laminar flow ceiling (or wall) diffuser, fitted with a compatible efficient ceiling filter medium. An incorrect filter selection here may seriously affect the quality of the production and jeopardise the workers' health and safety.

Certified, quality ceiling filters grant the best overall results, often for the lowest operating cost, with savings arising from longer filter life and lower energy consumption.

CEILING FILTERS TO SUIT YOUR NEEDS

Three types of synthetic microfibre media, each specifically developed for a given operating condition, and all featuring certified top performances for finishing plants.

VA filter media offer a tailored solution to the air filtration and diffusion requirements of each industrial finishing plant or car refinishing environment.

VA-600

Reduces turbulence in the spraying area

Air turbulence can strip particles off walls, floors and garments and drive them to settle into the fresh, wet paint. VA-600 offers the solution – this compact, stable and efficient, dual-layer medium helps to achieve a more uniform air flow pattern, dramatically reducing air turbulence in the cabin. In addition, VA-600 is designed to withstand occasional high temperature fluctuations.

VA-660

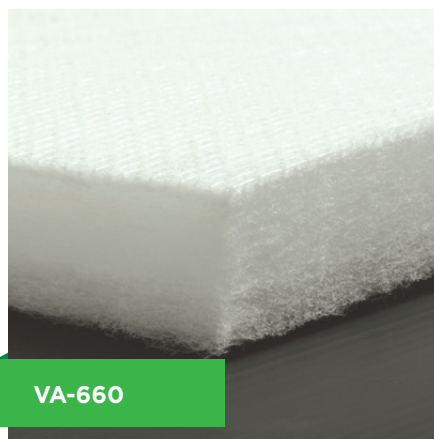
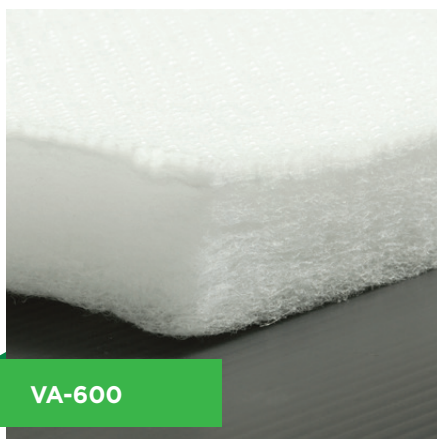
Top efficiency filter for top quality finishing

A state-of-the-art, multi-layer, fully impregnated synthetic medium, designed for uniform diffusion of clean, particle free air: long life, high dust holding capacity, higher efficiency (M5 removes all particles > 10µm): the ideal choice for ceiling filtration of make-up air on modern painting lines for fine cars and other luxury finished items.

VA-520

Brightness in the spray booth lasts longer

A smooth, white, silky lining, over an extra dense bed of impregnated microfibres, VA-520 is the preferred choice of leading spray-booth brands. Thanks to its unique finish, it maintains the ceiling whiteness and cleanliness for a longer time, even under intensive use.



Paint filtration

Overspray, mist, vapour and powder removal.

PAINT OVERSPRAY CANNOT BE VENTED OUT

Anti-pollution laws impose severe limits to the amount of overspray pollutants that can be vented into the atmosphere.

Dry overspray filters remove small paint particles from the air leaving the spraying area without the use of water. This preserves local water resources, and reduces both air and water pollution.

NOGLASS

As the name suggests, NoGlass media is completely free from glass fibers, and is constructed instead from 100% recycled polyester. This means that installation, servicing and disposal is quick, easy and most importantly, safe.

With no glass fibers to shed, handling NoGlass needs no safety equipment, and causes no irritation to the eyes, skin and lungs. Zero shedding also eliminates the chance of fibers discharging into the downstream air flow.

But NoGlass does not compromise on performance. Available as a single or multi-layer media, NoGlass provides highly efficient overspray filtration performance for all types of paint bases. NoGlass is available in rolls, cut mats or as panels installed in a robust cardboard frame to suit a wide variety of applications.

FV

Manufactured in three different grades and in numerous roll widths, FV removes both industrial dusts, and fine paint mists, depending on where it's installed:

- Laid underneath the floor grating of a pressurised down-draft spray booth FV intercepts over 90% of overspray.
- Beneath the return gratings of prep-stations FV collects dust from substrate preparations.
- In cross draft, dry-type spray booths FV is installed in the supporting grid of the air suction wall.

The non-woven media is constructed from thousands of endless, resilient glass fibres (diameter > 20 µm) that are non toxic, non carcinogenic and fire resistant.



FV-50

2" green. Low-weight medium, for light-duty and noncontinuous operations: ideal for car refinishing booths.

FV-HD

3" blue. Efficient, compact medium, ideal for intensive use, such as in industrial downdraft cabins.

FV-100

4" green. Extra-thick medium: for vertical installation, in cross-draft painting booths.

AN CURTAIN

The ideal dry filter for cross-draft painting booths.

AN is a self supporting, efficient filter curtain that makes it easy to retrofit your expensive, polluting water curtain and eliminate murky water from your paint shop.

Easy to install, AN curtains are environment friendly — being both recyclable and incinerable — and they retain extremely high paint loads, whilst ensuring a constant air flow across the cabin.

PAINTRAP

The flexible solution for slow curing paint mists

Paintrap's open-honeycomb structure makes it ideal for capturing large quantities of slow drying, solid paint overspray. Paintrap fits without any modification into water-curtain booths that are being operated as dry booths, without water.

Paintrap blankets can be easily cut or bent into shape for installation in air suction grilles of any style or format.

JD

Renewable Powder Collectors

JD cylindrical and conical cartridges collect powder pigments, sands and a variety of dry, coarse dusts. And for a long life, JD cartridges support multiple cleaning cycles — either by air blowback or mechanical shaking.

Available in a broad range of configurations, JD cartridges are the ideal complement to electrostatic powder coating plants, sandblast systems and all environments where a dry, coarse dust will be intercepted, recycled and disposed.

VAPOUR REMOVAL

A Variety of solutions for removing solvent vapours

When solvent-based paints are sprayed, most of the solvents and thinners evaporate, releasing vapours of sundry volatile compounds (VOCs) into the air, wasting many tons of expensive chemicals in the process.

Legislation in many countries forbid such air pollution, and, even when spills-off are within the limits of the law, many legal disputes arise from neighbouring parties annoyed by associated odours. Reusable activated carbon intercepts such VOC vapours and allows the recovery of the solvents captured.

Acsol B is a selected blend of pelletized, virgin, activated carbon, for effective and permanent organic vapour adsorption from treatment of spray booths flue air. ACH is a comprehensive range of canisters, drums, and trays designed to fulfill spare requirements of most brands of exhaust air cleaning units.

Customized MFD Filter Sleeves and TC Disposable Panels renew the prefiltration stage that helps to preserve the sensitive carbon granules from the poisoning caused by the deposition of paint dust over the active granules.



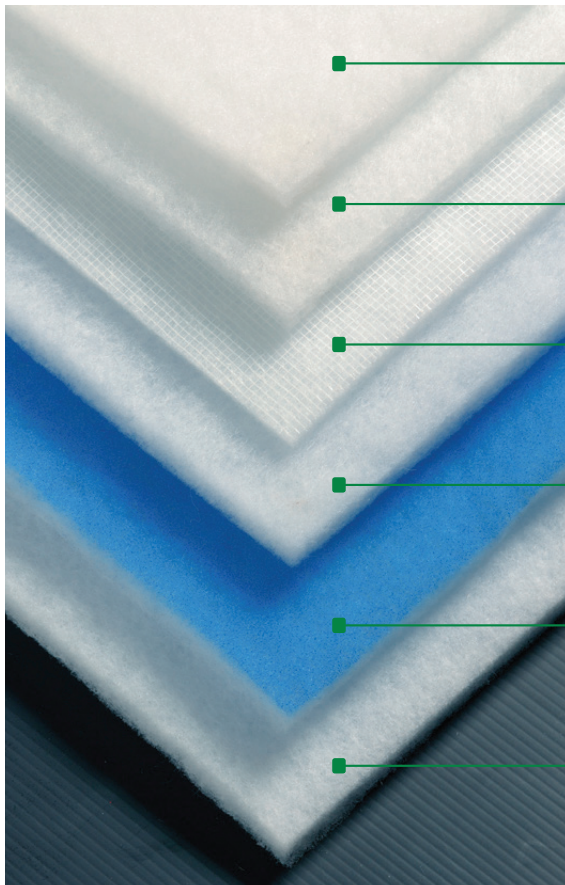
Particle filtration

A dust-free environment

PARTICLE FILTRATION – PROVIDING ULTRA-CLEAN ENVIRONMENTS FOR HI-TECH COATINGS

With ever advancing coating processes, either in the car industry, or in other advanced technologies such as aerospace applications, the desired air cleanliness level has increased dramatically. As a result, more and more industrial finishing systems adopt fine, EPA and HEPA filters in make-up air units and ceiling diffusers.

Our vast expertise in cleanroom facilities for a variety of applications has led us to develop a wide selection of high efficiency and absolute filters capable of removing airborne particles down to the smallest of submicron sizes.



P-100

Very low weight media, for screening insects, pollens, fibers, debris.
G2 class (EN 779) F1 class (DIN 53438)

P-150

Low weight, air permeable media, featuring a low pressure drop
G3 class (EN 779) F1 class (DIN 53438)

P-150-R

Scrim backed, unstretchable media, for high air speed applications
G3 class (EN 779) F1 class (DIN 53438)

P-200

Versatile, cost-effective media, for all basic air filtration requirements.
G4 class (EN 779) F1 class (DIN 53438)

P-200-CL

Fine, efficient, long lasting, progressive density media.
G4 class (EN 779) F1 class (DIN 53438)

P-500-S

Compact, self supporting, stiff media, for heavy duty applications
G4 class (EN 779) F1 (DIN 53438)

P CLASS

Synthetic filter media

Made from binary polyester staples, thermally bonded in a progressive density pattern, P Class media are supplied in roll or pad format. Easy to cut, sew, weld and stitch using ordinary tools and equipment, P Class can easily be transformed into flat pads, sleeves, pockets and multi-pockets. The P Class range is flame retardant, non-toxic, chemically inert to most agents, unaffected by bacteria, mildew, or humidity, and are fully incinerable.

HEPATEX ZERO OHM

The explosion-proof HEPA filter

Equipped with a grid type media discharging system wired to the main ground connector of the system, Hepatex Zero Ohm do not accumulate electrostatic charge and can safely be loaded with potentially explosive powders. Acting as final "safety" filter, Hepatex Zero Ohm protect the environment from potential accidental spill-out of toxic dusts during system failure.

NOVATEX

Choose a longer life with Novatex

With excellent dust holding capacities, Novatex bag filters offer a longer service life to make yours easier. Reduced air filter expenditure, lower maintenance costs, fewer change-outs, less to dispose of - Novatex will save you time and money.

COMPATEX TMP/TMPC/TMPE

For fine and EPA filtration of make-up air

Extremely solid, high performing, reliable and long lasting, this compact filter features top performance in the lowest space occupied, for any filtration grade between M6 to E12 (according to EN 779 and EN1822 respectively).



HEPATEX ZERO OHM



NOVATEX



COMPATEX TMP



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