



viledon®

VILEDON AIR FILTERS FOR EXPLOSION-ENDANGERED AREAS



Advantages of Viledon® ATEX products

- Freudenberg Filtration Technologies has the entire filter element of each product group, not just the medium, regularly inspected by the DEKRA test institute.
- The filtration performance of all ATEX filters is comparable with standard products.
- Manufacturers' attestation of conformity are available for all ATEX products.
- Each conductive filter element is individually tested for discharge capacity. 100 % control for maximum safety.





VILEDON ATEX PRODUCTS

Explosion protection is an essential safety aspect in production areas. This is because explosion accidents are often severe or even fatal. However, suitable protective measures significantly minimize the risk of such incidents.

Since June 30, 2003, an EU directive has regulated the use of equipment and protective systems in explosion-endangered areas. Only components that comply with the ATEX directive are permitted to be offered on the market. The aim is to protect all persons and employees who work in hazardous areas. The abbreviation ATEX is taken from the French and stands for „ATmosphère EXplosibles“.

According to the directive, all products used in explosion-endangered areas are required to possess certain electrostatic properties. This also applies to air filters and filter elements in ATEX systems.



All ATEX versions of Viledon® air filters regularly inspected by DEKRA in accordance with EN 60079-32-2:15 and DIN EN 54345-1 and therefore meet the requirements of ATEX zones with regard to electrostatics.



VILEDON ATEX PRODUCT PORTFOLIO

HEAVY-DUTY FILTERS FOR EXPLOSION-ENDANGERED AREAS

Extensive selection for maximum safety. The certified ATEX product range from Viledon® offers a wide variety of filter models that combine performance and efficiency with the highest safety requirements.



PA-5 MICRON

The PA-5 micron ceiling filter mats guarantee almost 100 % separation of particles $> 5 \mu\text{m}$ and thus meet the highest quality requirements in the paint industry.



PA/560

PA/560 G-10 filter mats separate almost 100 % of all particles $> 10 \mu\text{m}$ and thus reliably protect against paint defects to ensure brilliant painting results.



CPACK AXM

CPack AXM filters are ideally suited as edrizzi® after-filters for the filtration of paint booth exhaust air. The structure of the material ensures optimum dust collection with low pressure drop.



POCKET FILTER T 60 AXM AND F 50 AXM

The AXM compact pocket filters are robust in many continuous applications and achieve peak performance even under temporary overload conditions.

For your safety: individual testing of every conductive ATEX filter

MXB



Thanks to their high dust holding capacity and excellent stability, Viledon® MXB cassette filters achieve particularly long service lives with maximum operational reliability.

MVP AX



Viledon® MVP AX cassette filters are characterized above all by low pressure differential values and an optimum price / performance ratio.

LP CARTRIDGES ATEX VERSION



Viledon® LP cartridges in the ATEX version achieve energy-optimized operation with low filter resistance and maximum extraction performance.

DRYPLEAT AND DRYPLEAT NANO FILTER PLATES



Thanks to their outstanding filtration properties, DryPleat and DryPleat nano filter plates enable greater process stability and lower operating costs.

EDRIZZI PAINT MIST SEPARATORS



With their novel and simple design, patented edrizzi® paint mist separators enable cost-effective and efficient dry separation with an absorption capacity of up to 25 kg.

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We will be happy to advise you. Feel free to get in touch.
Together, we will find the right ATEX product for your plant.



+49 (0) 6201 80-6264



viledon@freudenberg-filter.com

Freudenberg Filtration Technologies SE & Co. KG

69465 Weinheim, Germany

Phone +49 (0) 6201 80-6264 | Fax +49 (0) 6201 88-6299

viledon@freudenberg-filter.com | www.freudenberg-filter.com

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