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Cartridge Filters

Different Types of Filter Cartridge for our Dust Extraction Range

Standard 80/20 polyester cellulose cartridge filters

- Filter media surface area (per cartridge) - 23m²
- Cellulose filters are a popular choice for dust extraction due to their efficiency and durability.
- Made from pleated or spunbonded cellulose media they provide a wide filtering area, and a low air pressure drop.
- Suitable for most common dust types
- Cartridges are dimpled, pleated or spunbonded for maximum service life and air flow
- Polyester cellulose cartridges are impervious to punctures or tears.



Standard Polyester cartridge filters

- Filter media surface area (per cartridge) - 9.4m²
- Suitable for most common dust types
- Cartridges are dimpled and pleated for maximum service life and air flow
- Polyester filter medias allow for high dust particle removal from dust laden airflow.
- Polyester cartridges are impervious to punctures or tears.



PTFE cartridge filters

- Filter media surface area (per cartridge) - 9.4m²
- Suitable for most common dust types and where high efficiency filtration is required.
- They are particularly suited to applications that are dealing with fine, toxic or oily dust particles.
- The cartridges PTFE coating enhances the filters resistance to moisture, chemicals and oils
- These filters are also advantageous in environments where air quality and cross contamination are critical concerns.





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Anti-static cartridge filters

- Filter media surface area (per cartridge) - 9.4m²
- These cartridge filters are primarily used for flammable and explosive dust particle collections.
- They are designed to prevent static discharge which can ignite dust and lead to self-combustion.
- These filters are essential in industries where static electricity can pose a risk such as the chemical, pharmaceutical and explosive industries
- The anti-static properties of these filters help in preventing spark generation which is crucial for compliance with safety regulations like the ATEX directive



Nanoweb FR (flame retardant) Cartridge Filters

- Filter media surface area (per cartridge) - 23m²
- These flame-retardant cartridge filters are best suited for handling potentially explosive dust particles in compliance with ATEX directives and guidelines.
- These are high performance filter cartridges with a synthetic and cellulose filter media blend with a nano fibre outer layer.
- They are designed to handle potentially explosive dust safely by slowing down combustion and flame propagation.
- These filters are compliant with ATEX directives and guidelines.
- The fine pore structure of the filters ensures that the smallest dust particles are retained, contributing to a longer life cycle and reduced maintenance costs.

