Pleated Elements for Bag House Filters

Our pleated elements are used as a final filter stage in micronizer bag houses at the end of the titanium dioxide pigment extraction process. They can be used in any high temperature filtration application (≤ 260 °C / 500 °F).

Product Features

Sefar filter solutions for Bag House Filters

Our pleated elements for bag house filters offer an increased filtration area and provide an improved filtration efficiency compared to conventional filter bags of the same diameter. Sefar X-series is dedicated for the use in demanding, high temperature applications such as drying, micronizing and oxidation in the titanium dioxide pigment beneficiation process.

Fabrication solutions

The X-600 is a unique, patented, pleated filter used in finishing of titanium dioxide pigment and other applications.
It surpasses the performance of any regular bags on the market and can increase service life by more than 100%. Outstanding results of 54 months have been shown for product lifetime. This represents the longest lifetime for any micronizer bag house lifetime in the world.
This success is mainly due to a heavy duty assembly, using the Sefar patented aluminum potting system to seal the end caps. The larger surface area from the pleats of the X-600, as compared to conventional bags, allows for significantly increased productivity and lifetime.

Pleated Cartridge X-600

DOWNLOADS

Brochure: Process Filtration (PDF 5300 kb)

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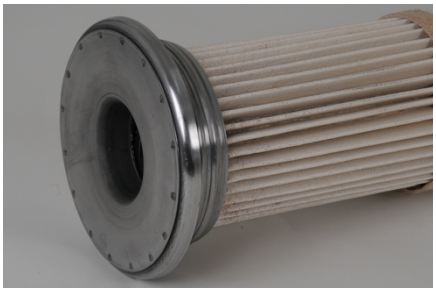
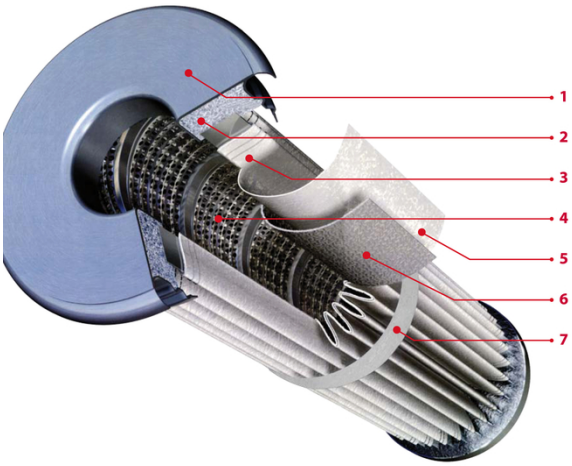


- Increased air flow and superior efficiency

Filter media technology

The new pleated cartridges resist high temperatures and have almost three times the surface area of other filter bags of the same diameter. In addition to providing increased air flow and superior efficiency, the pleated cartridges can replace old filters with no system modifications required.

X-600 High-temperature pleated cartridges



1 100 % metal top and end caps

2 Ultra-resistant aluminum sealing

3 Sealed stitching

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4 Galvanized steel core

5 e-PTFE membrane

6 Fiberglass felt with type A phenolic resin

7 Heavy duty stainless steel bands

CONTACT

- **Local contact**
- **Contact form**
- **Send mail**

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