



Clean air in the food industry

The highest demands are placed on process quality, cleanliness, plant safety and environmental protection in the food and pharmaceutical industries. Thanks to innovative iFix technology and the use of dust filter cartridges from Filtration Group Industrial, specific dust loads can be easily matched to the process in question. High separation efficiencies, economical product recovery, and safety and environmental compliance requirements are effectively met.

The solution - iFix technology

The new iFix technology guarantees customers better functionality of the dust filter cartridges without product deposits on the band. The dust filter cartridges with the new iFix technology from Filtration Group Industrial have a long service life with a low maintenance requirement and are convincing both economically and ecologically. They can be easily integrated into existing plants.



More safety and efficient product recovery

Star-pleated dust filter cartridges with iFix technology from Filtration Group Industrial are used for the separation of very fine particles from gases. The dust-laden gas flows through the filter cartridges from the outside to the inside and exits through the upper, open end disc. A filter cake is formed on the surface of the cartridge, which is efficiently removed by means of jet pulses or rotating air nozzle.

Conventional pleat stabilization systems on the product side (raw gas side) can be easily replaced by the new FG iFix technology. This completely eliminates the build-up of deposits that form on conventional banding systems, as well as the introduction of foreign matter products. With the iFix technology, Filtration Group Industrial is responding to long-standing problems on the market that have become apparent with the use of membrane filter elements.



Advantages of the new iFix technology

- Integrated pleat fixation system on the clean gas side of a specially developed filter element (FG iFix)
- Product deposits on the band are avoided
- No residues in the product
- The new technology increases the service life in particular for membrane filter elements
- Patent already applied for by FG Industrial
- Element in series production starting Q1_2022
- FDA compliant
- Existing plants can be easily be retrofitted with iFix filter elements without any problems

Applications

- Pneumatic conveying
- Powder handling / drying
- Silo filters, bunker filters, mixer filters, dryers
- Tablet production / pelletizing



Food



Pharma



Chemistry



Industry

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