



Filtration Group[®]
Industrial

FG IFIX-TECHNOLOGY

CLEAN AIR IN THE FOOD INDUSTRY



CUSTOMER BENEFITS

- Specially developed filter element with a pleat fixation system integrated on the clean gas side (FG iFix)
- No more product deposits on the banderole
- Increased process reliability
- No risk of residues in the product
- Especially with membrane filter materials, the service life can be increased by iFix
- Universally applicable to a very large number of dedusting filter elements
- Already patent pending
- Series production from Q1 2022
- FDA compliant
- Existing plants can be equipped 1:1 with iFix elements

APPLICATION AREAS

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





MORE SAFETY AND EFFICIENT PRODUCT RECOVERY

The food and pharmaceutical industries place the highest demands on process quality, cleanliness, plant safety and environmental protection. FGI dust filter elements with the innovative iFix technology are optimally adapted to the specific dust load of the respective process. They ensure high separation efficiencies, economical product recovery and meet all safety and environmental requirements.

WHAT PROBLEMS DOES THE FG IFIX TECHNOLOGY SOLVE?

Star-pleated FGI dust filter elements with iFix technology are used to separate fine particles from gases. The dust loaded gas flows through the filter element from the outside to the inside and exits through the upper open end disc. The built-up filter cake is efficiently and gently cleaned off by means of jet pulses or by a rotating air nozzle. The FG iFix system replaces conventional pleat stabilization systems on the product side (raw gas side). This guarantees that no deposits form as on conventional banding systems and completely excludes the introduction of foreign substances into the product. Especially when using membrane filter materials, the FG iFix technology solves long-standing problems on the market.

FOR WHICH APPLICATIONS IS THE FG IFIX TECHNOLOGY SUITABLE?



Food



Pharma



Chemistry



Industry

WHAT ARE THE ADVANTAGES OF THE FG IFIX TECHNOLOGY?

Our customers benefit from improved functionality without product deposits on the band. High separation efficiencies, economical product recovery and the fulfillment of all safety and environmental requirements are ensured. Our FGI dust filter elements are extremely durable, require little maintenance, are convincing both economically and ecologically, and can be used in existing plants.



Conventional technology



New FG iFix technology

