

# CLEAN AIR AND HEALTHY PRODUCTS IN THE FOOD INDUSTRY



FG iFix-Technology

## CUSTOMER BENEFIT

- Specially developed filter element with an integrated pleat fixing system on the clean gas side (FG iFix)
- No more product deposits on the banderole
- Increased process safety
- No risk of residues in the product
- Significantly higher stability compared to external banderoles
- Universally applicable to all dedusting filter elements
- Already applied for patent
- Series production from Q4\_2020
- FDA compliant

## AREAS OF APPLICATION

- Pneumatic conveying
- Powder handling / drying
- Silo top filter, bunker filter, mixer filter, dryer
- Tablet production / pelletizing



## MORE SAFETY AND EFFICIENT PRODUCT RECOVERY



The food and pharmaceutical industry places the highest demands on process quality, purity, plant safety and environmental protection. FG dust filter elements with the innovative iFix technology are optimally adapted to the specific dust load of your respective process. They guarantee high separation efficiency, economic product recovery and meet all safety and environmental requirements.



**Conventional  
Technology**

### Which problems does the FG iFix technology solve?

Star-pleated FG dust filter elements with the iFix technology are used for the separation of finest particles from gases. The dust-laden gas flows through the filter element from outside to inside and exits through the upper open end plate. The built-up filter cake is cleaned efficiently and gently by means of jet pulses or a rotating air nozzle. The FG iFix-System replaces conventional pleat stabilization systems on the product side (raw gas side). This guarantees no deposits on the outside of the filter element and completely excludes the entry of foreign substances into your product and avoids contamination 100%. Especially when membrane filter materials are used, the FG iFix technology solves long-standing problems on the market.

### For which applications is the FG iFix technology suitable?



Food



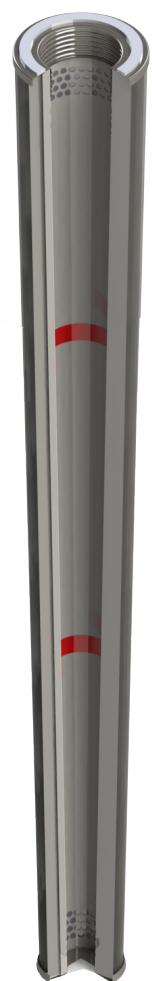
Pharma



Chemicals

### What advantages do you have as a customer?

Our customers benefit from better functionality without product deposits on the band. High separation efficiency, economical product recovery and compliance with all safety and environmental requirements are ensured. Our FG dust filter elements are extremely durable, require little maintenance and convince both economically and ecologically.



**New iFix-  
Technology**