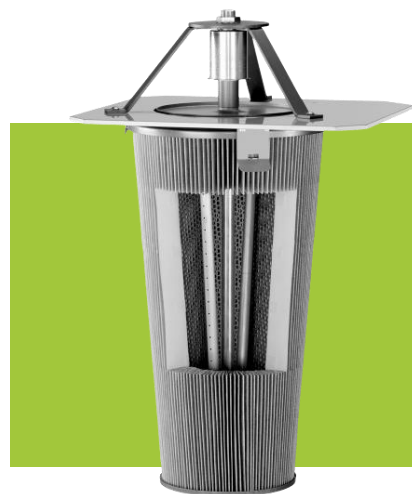


PLEASURE THAT COMES FROM THE COLD



Production of freeze-dried products

Freeze-dried fruits are nutritious, delicious "lightweights" and offer unadulterated fruit enjoyment. They hardly differ from fresh products in terms of nutritional value, taste and color. So freeze-dried fruits turn cereals or muesli bars into the perfect breakfast or a tasty snack and provide a natural flavor kick.



FG Quick-Lock Element
Picture source: Filtration Group

PLEASURE THAT COMES FROM THE COLD

How does freeze drying work?

Freeze-dried fruits are nutritious, delicious "lightweights" and offer unadulterated fruit enjoyment. They hardly differ from fresh products in terms of nutritional value, taste and color. So freeze-dried fruits turn cereals or muesli bars into the perfect breakfast or a tasty snack and provide a natural flavor kick.

The challenge with the customer

The freeze-dried product is fed via a collection container on the 1st floor through a drop line to a mixing drum on the ground floor. There the product is mixed and subsequently fed to the packaging via various conveyor belts. During transport on the conveyor belts, the freeze-dried products react with the ambient air to form a sticky substance. The sticky dusts produced by abrasion during transport and mixing are extracted by the FG dedusting unit SFR-09 006 DN-130 S1S S1 SO. By feeding filter aid, the dust becomes free-flowing again.

Customer benefit

- The FG dust removal system supplied prevents product deposits and thus helps to protect employees. Thus, the cleaning effort of the machines is significantly reduced.
- The filter material used achieves a very high separation efficiency in the fine dust range.
- Longer element service life due to the use of HI 26 filter aid
- Optimum flow conditions in the filter chamber due to the use of conical filter elements

Your contact

FILCOM GmbH
Riedstr. 17/1
D-73760 Ostfildern

Phone: +49 (0) 711-4413322-0
Fax: +49 (0) 711-4413322-22
Mail: info@filcom.de

www.filcom.de

 **FILCOM**
FILTRATION