

## High quality filter bags for the food & dairy industry



## Simatek filter bags with sanitary CIP design

Simatek has supplied more than 350 sanitary bag houses equipped with full CIP of the bag house and filter bags.

Simatek has long standing expertise and experience in filter operation, bag technology and upgrading bag houses to improve the performance.

Simatek is also capable of integrating our CIP designed filter bags into original bag houses from other manufacturers.




# SIMATEK

Filter Technology

## Certified for food contact

Each filter bag is marked with part number and batch number for full traceability. Test results show a migration well below the legally prescribed limits confirming the excellent properties and food safety of our filter bags.



**SIMATEK** - PN. 3848  
BATCH 232237

### Benefit at a glance:

- Certified by declaration of conformity according to regulation (EU) no. 10/2011.
- Compliant with FDA, CFR 21 §176 and §177.
- Manufactured according to GMP (EC) no. 2023/2006.
- 3-A symbol certified CIP-able 3-A bag house (standard 40-04).
- Filter bag cleaning verified and approved by USDA.
- Batch control system for total traceability.
- Total migration test.
- CIP equipment and filter bags providing possibility for zero allergens.
- Visible part and batch number.



## Filter bag bottom designed for CIP

Simatek filter bag bottom is turned inside out to avoid any open edges that can release fibers.

This ball shaped design contributes to enabling the bags to be washed completely clean.

The unique CIP design can be adapted into bag houses from other manufacturers.



Filter bags for the food & dairy industry

Are you sure your filter bags are properly clean after CIP?



## Filter bag top designed for CIP

The CIP-able filter bags are Simatek's own designed product for the food & dairy industry.

The top folded design provides the best possible solution to avoid fibers getting loose from the cut edges.

Simatek has the option to deliver the filter bags either sewed or in welded design of the longitudinal seam.

Order free sample from our website.



Filter bags for the food & dairy industry

Simatek filter bags are specially designed for optimum CIP

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BATCH 232237

## Secure packaging for transport and storage

Each cardboard box has a printed label with all necessary information about the product including part number and batch number.

The filter bags are delivered rolled for easier installation in the bag house.

The QR code leads to the Simatek website and shows a detailed video of Simatek filter bag and cage installation.



Filter bags for the food & dairy industry

All Simatek bags come packed in waterproof laminated plastic



## Contact us

Please do not hesitate to contact us for further information or inquiries:

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**Simatek article:** PE/PE 554 glaze ExCharge FoodTec®  
**TAN:** 8031

**Composition:** Polyester  
Web: Polyester  
Scrim: Polyester

**Area Weight [g/m<sup>2</sup>]:** 550

**Thickness [mm]:** 1.6

**Permeability [200 Pa]:** 250

**Flow rate:** resp. 150 l/(dm<sup>2</sup> min) @ 200Pa

**Resistance: \*** 1,600  
1,550

Sample size 200/50 mm  
Sampling parallel to the scrim threads,  
Deformation rate 200 mm/min

heat set  
glazed face side  
permanent conductive matrix  
resistance <math>10^6</math> Ohm (DIN 54345 part 1 and part 5).  
\* DEKRA EXAM certificate for this filter bag material is available.  
Declaration of Conformity according to Regulation No. 10/2011 Annex IV and Article 15. With FDA 21 CFR 176 resp. §177, manufacture acc. GMP EU 2023/2006

continuous operating temperature to be

**Needlona®-Filter Media for the Food Industry**

BWF Envirotec, all FoodTec® filter media employed in the food industry are supplied with a declaration of conformity. We therefore vouch that we fulfil all the high demands of the food industry.

**Testing food grade quality**  
Our FoodTec® product line is tested by an external independent institute. Excellent test results well below the statutorily stipulated values confirm FoodTec® for use in the food industry:

- global migration: even at temperatures of 70° C, FoodTec® falls below the statutorily stipulated limit values many times over.
- specific migration: the specific migration value naturally complies with the specifications of the German Commodities Ordinance and Directive 2002/72/EG.

\* EU Directive 10/2011 (EU) governs use for materials and objects made of plastic intended for contact with foodstuffs.

**FoodTec® product line: production safety with declaration of conformity**  
In food processing, hygiene and food grade quality of all the components involved in the process occupy a forefront position. In addition to uncompromising high quality filter media by means of which an adjusting process is only made in food processing, Envirotec offers a declaration of conformity for use in food processing.

Filter bags for the food & dairy industry.

Get a free sample  
at our website



# An optimised investment. Efficiently delivered.

Founded in 1981, Simatek is a leading manufacturer of industrial air filtration solutions. Our high-tech products and systems optimise footprint, performance and maintenance for industrial plants worldwide. All at a low cost of ownership.

Our main areas of expertise:

- Dust collection and aspiration: A wide range of pulse-jet bag filters designed to work with dust explosive atmosphere and meet international standards and certifications.
- Process air: Simatek engineers and manufactures sanitary bag filters according to the requirements of the food and dairy industry – including process filters with Cleaning In Place (CIP) and super sanitary bag filters approved according to the USDA and with 3-A symbol certification.

Unique technology and specialised expertise are at the heart of everything we do at Simatek. Our core team of dedicated employees – alongside our global network of partners and representatives – are ready to help you find the solution that will benefit your business the most.

We call this an optimised investment, effectively delivered.

**SIMATEK**  
Filter Technology

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