

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



Simatek filter bags with unique sanitary CIP design

Today Simatek has supplied more than 250 process filters worldwide including integrated CIP of the filter bags, with high requirements to design and filter media.

The filter media is especially developed for applications in the food & dairy industry all tested by an external and independent institute.

The test results show a migration well below the legally prescribed limits, confirming the excellent properties and the food safety of our filter bags.



Certified for food contact



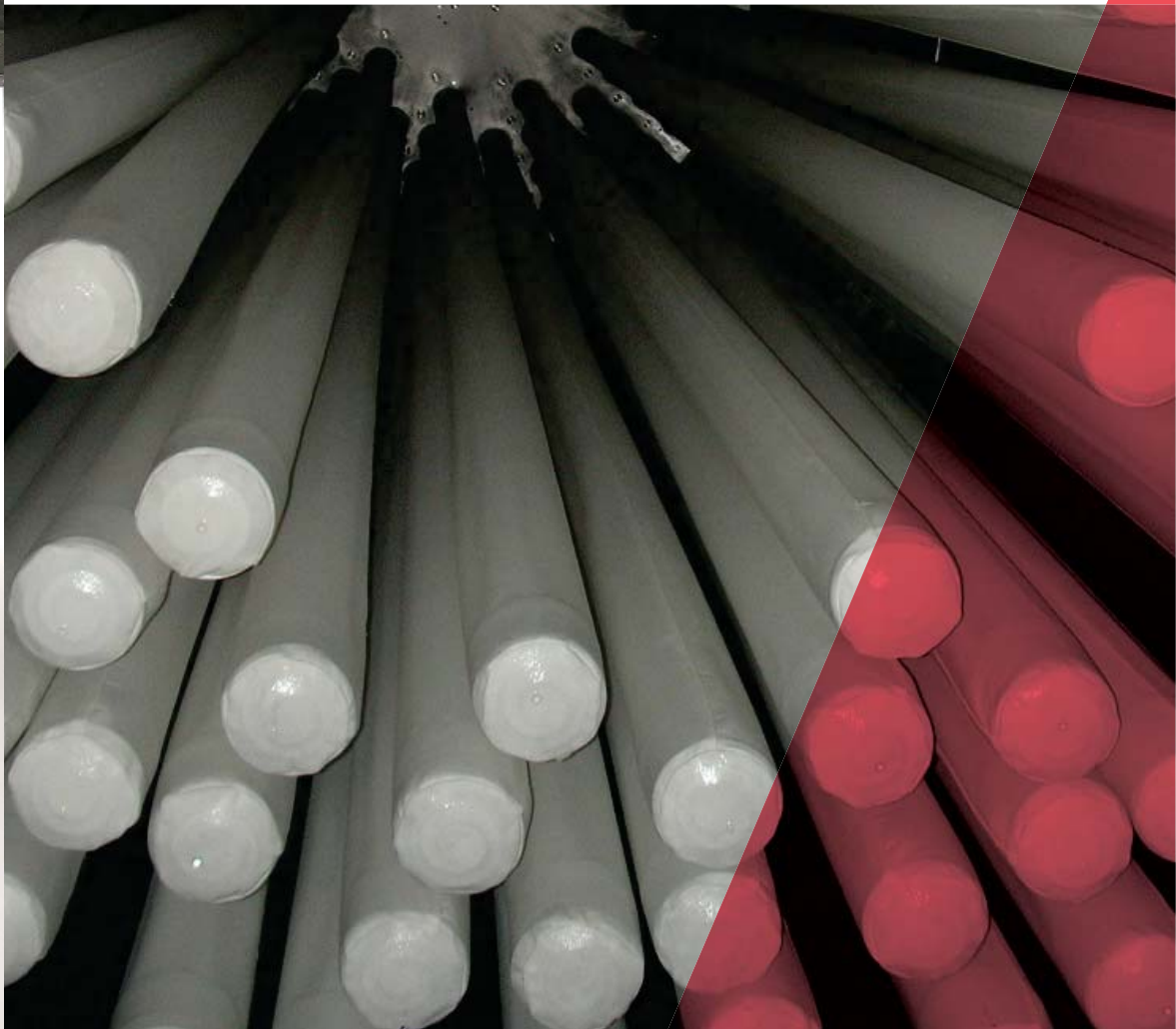
- Certified by declaration of conformity according to regulation (EU) no. 10/2011.
- Compliant with FDA 21 CFR §176 and §177.
- Manufactured according to GMP EU 2023/2006.
- 3-A symbol certified CIP-able 3-A bag house (standard 40-04).
- Filter bag cleaning verified and approved by USDA.
- Batch control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



CIP design

The CIP-able filter bags are Simatek's own designed product for the food & dairy industry. The unique design has inner seams at the top and bottom enabling the bags to be washed completely clean.

This design also provide the best possible solution to minimize loose threads in the end product. Our unique CIP design can be adapted in other bag house brands.



- Special folded top part design.
- Ball shaped bag bottom CIP design.
- No open ends of filter media.
- No loose threads.
- Optimal size to fit the cage.

Secure packaging for transport and storage



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

- All Simatek food approved filter bags are packed securely in waterproof laminated plastic bags.
- Each cardboard box has a printed label with all necessary information about the product.
- QR code for bag and cage assembly and installation guide.

Contact us

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

after-sales@simatek.dk
+45 5884 1595



BWF  **Envirotec**



Bag material Technical Data

SIM
Filter Tech

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

Composition: Polyester
Web: Polyester
Scrim: Polyester

Area Weight [g/m²]: 550
ISO 9073-1

Thickness [mm]: 1.6

Permeability [m/s @ 200 Pa]: 250
ISO 9237(1995)

Strength: resp. 150 l/(dm² min) @ 200Pa
(1989)

Resistance: * 1,600
1,550
≤150
≤150

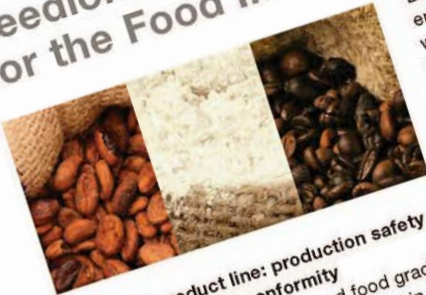
Sample size 200/50 mm
Sampling parallel to the scrim threads,
Deformation rate 200 mm/min

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

lower continuous operating temperature to be

ing appropriate standards as guidelines) of virgin
not express or imply any guarantee and the right is

needlona®-Filter Media for the Food Industry



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 of the filter media by means of which an efficient dedusting process is only made possible, BWF Envirotec offers a declaration of conformity for filter media used in food processing.

Conformity according to EU Directive 10/2011 (EU)*
FoodTec® product line is specifically designed for use in the food industry and is certified according to ISO 9001:2015 at

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®

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

Simatek A/S

Energiens hus, Energivej 3
DK-4180 Soroe
Denmark

Tel (+45) 58 84 15 00
Fax (+45) 58 85 41 07
Mail office@simatek.dk
www.simatek.com