Vacuum Dryer Belts

SEFAR TETEX DRY is a range of specialized dryer belt fabrics for use in effective and efficient industrial drying of foods and pharmaceutical products. As a result, these products have to meet the highest regulatory demands.

Product Features

Sefar filter solutions for Vacuum Belt Dryers

Sefar offers a wide range of synthetic fabrics in open and closed mesh for conveying and drying products. Our vacuum dryer belts are made of PET polymer – selected according to your needs.

- Belt fabrics offering different pore sizes for different solid contents (viscosity) of products
- Customized solutions that meet the industry's most demanding requirements (e.g. high temperatures, chemical resistance and long lifetime)
- Integrated production: all crucial steps from yarn production, weaving, finishing and fabrication of ready-to-use belts
- Around 190 years of experience in the food industry. With over 40 years supplying belts for vacuum belt dryers
- All belt fabrics and closures are recommended for applications in the food industry and are compliant with food safety regulations

DOWNLOADS

Brochure: Process Filtration (PDF 5300 kb)

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Permeability properties	Unique permeability settings allow steam to penetrate the fabric and eliminate bubble formation while sustaining performance with solid content > 30%
Mechanical stability	Precision controlled fabric finishing provides low shrinkage/ elongation and efficient belt alignment as well as long service life. Suitable for application temperature of up to 180 °C.
Reduced downtime	Fast and easy installation supported by efficient closing system. Belts are ideal for CIP cleaning.
Clogging resistance	Smooth surface makes product release easy and reduces particle entrapment in the pores of the fabric.
Food safety compliancy	All components comply with food safety regulations during full service life.

Product features

We manufacture dimensionally precise SEFAR **TETEX** DRY fabrics for any type and any size of application, equipment or machine. Choose from our various fastening solutions and different edge enhancement possibilities that would best suit your requirements.

The choice for the most commonly utilized drying spectrum

SEFAR TETEX DRY PET fabrics are suitable for application temperatures of up to 140° C. Usage at 140 – 160 °C is possible but not recommended as it will result in reduced service life and higher belt elongation. Between 140 – 180 °C a special selection of SEFAR TETEX DRY fabrics can be beneficial depending on

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environmental conditions as well as type of product.

A new dimension in vacuum belt drying

Sefar filter solutions for OEM

Our products meet the specific needs of these filtration applications and are successfully running all over the world on all known vacuum dryer belt brands and OEMs, such as:

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Bucher Drytech	E&E Warendorf	Food & Biotech Engineers	Merk Process
MJ Shanghai	Pamag	Schneider Trockner	Scott
SSP	Terophan	Terotech	Zwag

Filter media technology

A selection of different pore sizes allows optimum drying at maximum air/vapor permeability.
Excellent cake release, superb quality and lifetime, ensures efficient and cost-effective drying. All fabrics and materials comply with current FDA or EU regulations on food safety.

Conformity of Food Contact Materials

The fabrics of the SEFAR TETEX DRY range are made from yarns that contain only substances recognized as safe for use with foodstuffs.

Relevant guidelines and regulations:

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- FDA Code of Federal Regulations (USA), Food and Drugs, Art. 21

  (indirect foodstuff additional material: polymers)
- Regulation (EU) No 1935/2004 of the Commission dated 27 Oct. 2004 on

  materials

  and articles made of plastic and are intended to come into contact with foodstuffs
- Regulation (EU) No 10/2011 of the Commission dated 14 Jan. 2011 on materials

  and articles made of plastic that are intended to come into contact with foodstuffs

Our subsidiaries and selected representatives around the world are pleased to advise all customers individually.

CONTACT

- **Local contact**
- **Contact form**
- **Send mail**

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