





# Microfiltration systems for the food & beverage industry

DEPTH FILTRATION FOR VALUABLE LIQUIDS.

# Depth filter media

## FIBRAFIX® filter sheets

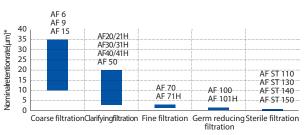


In addition, support sheets for alluvial filtration (FILTRODUR® 900), filter sheets with activated carbon (CARBOFIL<sup>™</sup>) and functional filter sheets (e.g. removal of TCA/TBA/TeCA from liquids) are available.

#### FILTRODISC<sup>™</sup> lenticular filter modules



#### FIBRAFIX® FILTRATION RANGES



\*NominalretentionvaluesoffiltersheetsarerelativeActualprocessconditionsinfluencetheeffective removal performance.

- Filtration in a closed system (DISCSTAR<sup>™</sup> filter housing)
- Easy handling
- All grades of the entire FIBRAFIX® range
- High dirt retention capacity
- No drip loss
- Solid core, maximum safety
- Available with all common adapters (flat gasket adapter DOE and double O-ring / bayonet adapter DOR)
- Available in 12" and 16"
- Activated carbon modules (CARBOFIL<sup>™</sup>) available
- High temperature version up to 180 °C available (FILTRODISC<sup>™</sup> HT/UHT)
- FILTRODISC<sup>™</sup> PLUS<sup>2</sup>

#### CLAROX<sup>®</sup> filter cartridges

- 0
- Pre-filtration with pleated depth filter cartridgesPre-filtration with stainless steel
- cartridges – Pre-filtration with surface filter
- cartridges – End-filtration with membrane
- cartridges (sterile filtration)

#### Filter aids



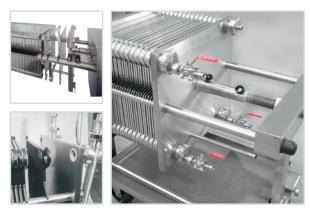


- NOVOCEL<sup>®</sup> 200 for an optimized pre-coating
- NOVOCEL<sup>®</sup> 300 for products with difficult filterability
- CELTROX® 1000 is made with special natural fibers and is suitable for precoat filtration in chemical and cosmetics applications.



# Filter equipment

#### NOVOX<sup>®</sup> ST plate and frame filters



- Plates and frames from 200 x 200 mm up to 1200 x 1200 mm
- Filter elements in stainless steel AISI 316L or NORYL
- Manual, hand hydraulic, electric or pneumatic hydraulic closing systems available
- Explosion-proof systems available (ATEX)
- Multiple options (e.g. skid system, integrated pumps, custom-made solutions, etc.) available

#### DISCSTAR<sup>™</sup> lenticular module filter housing

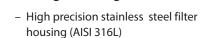


#### For all common lenticular filter modules

- Easy handling
- All wet parts are stainless steel AISI 316L
- From 1 to 4 high, single stack or multi-stack housing
- For 12" and 16" modules
- Jumbo system with up to
- 16 modules in one housing - Multiple options (skid systems,
- custom-made solutions, etc.)

## SECUROX<sup>™</sup> filter cartridge housing





- Housings available for 1 cartridge 10" up to 36 cartridges 30"
- Optimized unit volume
- Possibility of integrity testing for membrane cartridges

## FILTROX Academy





#### FILTROX Academy

- Filtration seminars
- Individual training sessions
- Filtration audits
- Process development and optimization
- Laboratory trials
- Field tests
- Scale-up support
- Validation support
- Process development support

Services

- Spare part service
- Upgrade of existing equipment
- Customer service



## FILTROX. DEPTH FILTRATION FOR VALUABLE LIQUIDS.

As a global market leader in depth filtration, FILTROX offers complete solutions for filtration of high value liquids.

We are experts in development, manufacturing and supply of Swiss top quality products for a wide range of applications in pharmaceuticals, biotechnology, chemicals and cosmetics as well as in food and beverage. Since 1938, we have been developing and manufacturing both filter

#### FILTROX AG

Moosmühlestr. 6 CH-9001 St. Gallen / Switzerland Phone: ++41 071 272 91 11 Fax: ++41 071 272 91 00 E-mail: sales@filtrox.ch

FILTROX Southern Europe Ramón Viñas, 4 08930 Sant Adrià de Besòs / Spain Phone: ++34 934 626 700 Fax: ++34 933 810 258 E-mail: filtrox.Espana@filtrox.com

FILTROX UK & Northern Europe Butts Mill Barnoldswick Lancashire BB18 SHP / United Kingdom Phone: ++44 1282 811000 Fax: ++44 1282 811001 E-mail: filtrox.UK@filtrox.com

FILTROX France s.a.r.l. 1 Rue du Claire Matin F 21200 Beaune / France Phone: ++33/380 222 915 Fax: ++33/380 241 856 E-mail: contact@filtroxfrance.com media as well as filtration equipment inhouse. Based on this experience, we can offer our customers a complete range of products.

FILTROX's worldwide distribution network and comprehensive technical support will help you optimize your filtration process.

Visit us online at www.filtrox.com for more information.

FILTROX North America 9805 NE 116th Street PMB A-200 Kirkland WA 98034 / USA Phone: Toll free 800 473 4526 Phone: ++1 425 820 4850 Fax: ++1 425 820 2816 E-mail: info@filtercorp.com

FILTROX MICROFILTRACIONES SA DE CV Circuito Circunvalación Poniente 4B Cd. Satélite 53100 Naucalpan de Juárez Estado de México / Mexico Phone: ++52 55 2628 1691 E-mail: info@filtrox.com.mx

FILTROX (Shanghai) Filtration System Co., Ltd. 7 # Building no. 1855 TianChen Rd. QingPu Shanghai 201712 / P.R. China Phone: ++86 021 5922 7508 Fax: ++86 021 5922 7511 E-mail: info@filtroxchina.cn

FILTROX Asia-Pacific Pte Ltd 25 International Business Park #02-14 German Center Singapore 609916 / Singapore Phone: ++65 933 88645 E-mail: sales\_apac@filtrox.com