

Sefar hybrid technology –

extended durability of fabrics for filter presses

Description

SEFAR® SHT (Sefar hybrid technology) is a new, patented development which greatly extends the durability of filter fabric used under very rough operating conditions.

Two different, selected yarn materials are combined to make one hybrid fabric.

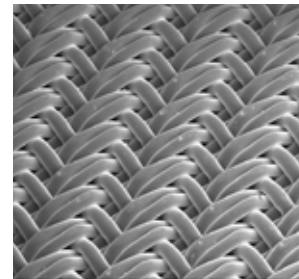
The abrasion-resistant and smooth POM (Polyoxymethylene) warp material (vertical direction) provides the high fabric strength and crease-resistance needed to adequately support very thick and heavy filter cakes during discharge of a filter press.

The polyester copolymer weft material (transverse direction) is highly elastic and allows the fabric to easily follow the contours of the filter plates.

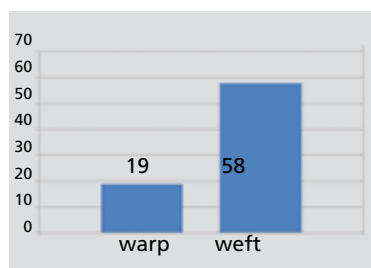
The result is a filter fabric having similar retention characteristics as that of classic materials but with substantially increased durability and elasticity.



Application of SHT having high-strength warp (white) and elastic weft (blue)



Scanning electron microscope image of SHT fabric



SHT elongation warp / weft %

Technical data

Code	V*-12/07-3002-K 080, 050, 020
Material	POM / E-PET
Pore size	80, 50 and 20 µm
Weight	475 g m-2
Elasticity	warp < 25%, weft > 50%
Width	180 cm

Our performance	Your benefit
Low-friction surface	Excellent cake release
High vertical strength	No creasing
High abrasion resistance	Improved durability
Excellent durability	Reduced costs
Pore sizes from 20 to 80 µm	Suitable for various applications

Sefar Headquarter

Sefar AG

Filtration Solutions
Hinterbissastrasse 12
P.O. Box
CH-9410 Heiden – Switzerland
Phone +41 71 898 57 00
Fax +41 71 898 57 21
filtration@sefar.com

Sefar Filtration Subsidiaries

Sefar Filtration Inc.

Buffalo, Depew, NY – USA
Phone +1 877 481 3626
filtration@sefar.us

Los Angeles, CA – USA
Toll Free +1 800 401 3367
hfsales@sefar.us

Sefar BDH

Chicoutimi – Canada
Phone +1 418 690 0888
julie.lapointe@sefar.com

Sefar Filtration de México, S.A. de C.V.

Iztapalapa, D.F. – Mexico
Phone +52 55 2291-0652/5612-7696
info.mexico@sefar.com

Sefar Tenyl

Tenyl Tecidos Técnicos Ltda.
Guarulhos, SP – Brazil
Phone +55 11 2137-1555
contato.brasil@sefar.com

Sefar Singapore Pte. Ltd.

Asia Pacific Headquarter (Filtration)
Singapore
Phone +65 6 299 90 92
info.sg@sefar.com

Sefar Filtration Solutions (Suzhou) Ltd.

Jiangsu Province – China
Phone +86 512 62836383
sefar@sefar.cn

Sefar Singapore Pte. Ltd.

Indonesia Rep. Office (Filtration)
Jakarta Barat – Indonesia
Phone +62 21 5890 2065/66/68
sefarind@indosat.net.id

Sefar Filter Specialists Pty Ltd.

Huntingwood, NSW – Australia
Toll free phone 1300 306 661
sfs@sefar.com.au

Sefar Filter Specialists Pty Ltd.

Auckland – New Zealand
Phone +64 (0) 9622 3330
david.fleming@sefar.co.nz
Sefar Filtration (India) Private Ltd.
Maharashtra – India
Phone +91 22 25862302/03/04
ramanathan.krishnan@sefar.com

Sefar Fyltis S.A.S.

Lyon Cedex – France
Phone +33 472 13 14 15
vente@sefar-fyltis.fr

Sefar Italia S.r. l.

Collegno-Torino – Italy
Phone +39 011 42001
info@sefar.it

Sefar Maissa S.A.

Cardedeu – Spain
Phone +34 9 3844 4710
sefarmaissa@ilimit.es

Sefar GmbH

Wasserburg/Inn – Germany
Phone +49 8071 90400-0
info@sefar.de

Sefar B.V.

Goor – Netherlands
Phone +31 547 26 28 26
info@sefar.nl

Sefar Ltd.

Bury, Lancs – England
Phone +44 (0)870 1010140
sales@sefar.co.uk