

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.

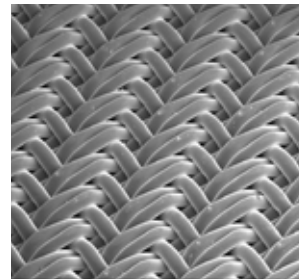
The abrasion-resistant and smooth POM (Polyoxymethylene) warp material (vertical direction) provides the high fabric strength and crease-resistance needed to adequately support very thick and heavy filter cakes during discharge of a filter press.

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

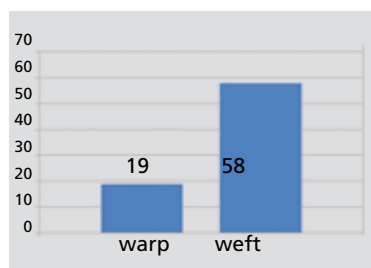
The result is a filter fabric having similar retention characteristics as that of classic materials but with substantially increased durability and elasticity.



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

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