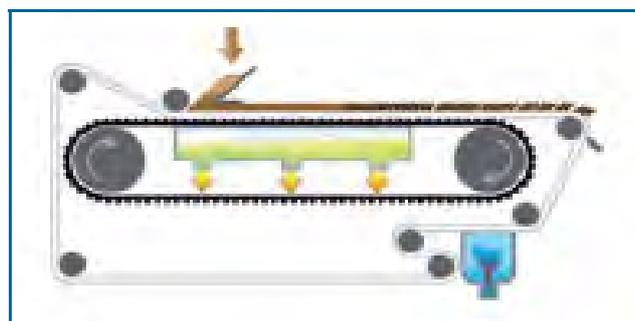


FUGA-News 01/2009

- Filter fabrics -

Filter fabrics for automatic filter presses and horizontal vacuum belt filters

There are not only great demands on the machinery for the industrial dewatering. If it is a matter of filtration efficiency, we talk about special textile fabrics.



Schematic depiction of belt filter

We can provide these fabrics either as roll goods or as ready made items. In our own making-up department we can also produce filter belts with clipper seams and edge reinforcements.



Belt filter

Our heavy multifilament and double layer fabrics made of Polypropylene and Polyester are used as belt and drum filter coverings or as endless belts for automatic filter presses.

FUGAFIL's range includes in addition to 100% multifilament and monofilament fabrics, also combined mono/multifilament fabrics. These fabrics are utilized in numerous industries, e.g. in the foodstuff and beverage industry, the pharmaceutical industry or in the biotechnology and also in the chemical process industry.



Automatic filter press with endless filter belt

Material	PPDL 0907	PPMDL 20607	PET DL 237.107	MPP 2711	MPP 269
Air permeability (L/dm ² /min)	300/500/100	30/50/100	1500	10	250-300
Weight (g/m ²)	420	400	260	1020	1020
Thickness (µm)	920	700	500	1480	1900

Making-up of high-quality belt filters

Our technical making-up department develops made-to-measure solutions for belt filters, vacuum drum filters and centrifuges. The special double layer fabrics made from Polypropylene and Polyester, as well as the heavy mono- and multifilament fabrics will be used for various industrial applications.

The filter belts for automatic filter presses and horizontal vacuum belt filters can be constructed with a special edge coating made of Polyurethane or of a fabric reinforcement that will be adjusted to the mechanical use depending on the application.

Furthermore we can add clipper seams for endless filter belts out of stainless steel and also special monoclippers.

In addition to that we can provide stamped parts by using our own laser cutter or ultrasound machine as well as high-frequency welding and stamping and even commission cutting.



Appliance for fitting of stainless steel clippers

The new laser cutter

Since 2001 we pre-cut every filter media on our laser cutter L 2500 with a working width of 180 cm. In the meantime not only the volume has been increased (the machine runs in 3 shifts during 5-6 days

per week), but also the width of the filter cloth has become wider.

This development required the investment in a new, wider cutter to cope with the incoming cutting work. In August 2008 we installed the new LC Mercury 603 additionally with a working width of 250 cm and a higher cutting capabilities, so that we can also work with thicker and more voluminous textiles.

We will gladly demonstrate our capabilities, if requested, with your material.



The new all-rounder Mercury 603

Visit us at:

ACHEMA 2009

11th - 15th May, 2009
Frankfurt Fair
Messe Frankfurt

Hall 5.0 Stand B1

TECHTEXTIL

16th - 18th June, 2009
Frankfurt Fair
Messe Frankfurt

Hall 3.1 Stand D 51

2. Potsdamer FFT Solid-Liquid- Separation Days

1st - 2nd July, 2009
Hotel Am Griebnitzsee
Potsdam
Mediencity Babelsberg

Series of lectures:
www.texocon.de

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