

# FUGA-News 01/2011

## - filter fabrics -

### Extension of the portfolio of ready-made filter fabrics

Nowadays processes to dry bulk solids e.g. granulates, crystals or powders are taking place in different sectors of industry.

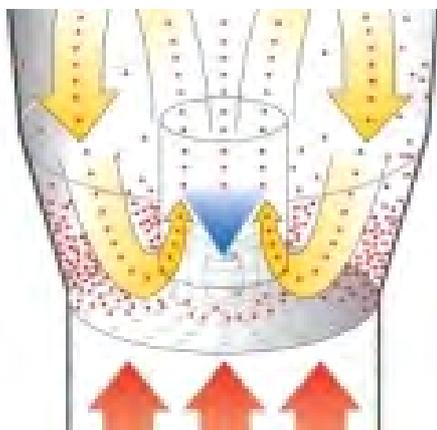
The dust fractions, mobilised by the drying- and agglomeration procedure have to be separated in fluid bed dryers.

Multi-bags out of polyester-fabrics are applied for the dust separation.

In line with an extension of the range of our ready-made filter fabrics we are now able to offer ready-made filter bags for fluid bed dryers.



**Multi-bag out of PET-fabrics**



**Schematic demonstration of a fluid bed dryer**

The used polyester-fabrics are produced in-house and are conductive due to woven steel threads into the fabric.

We are producing on base of customers request, according to technical drawings or samples and are able to deliver standard-bags for industrial users in required quantities.

material	PETBK 1011	PETBK 1812	PETBK 2625
Air permeability (L/dm <sup>2</sup> /min)	100	10	180
weight (g/m <sup>2</sup> )	245	370	145
thickness (µm)	380	590	270
notice	antistatic	antistatic	antistatic

## Development of filter belts

In our technical making-up department the production of filter belts was developed by a modified machine concept and by the application of different materials.

Filter belts with a width of 245 cm at maximum can be furnished with an edge coating.



The coatings are adapted to the process conditions e.g. temperatures, filter media with different materials. The tape length is unlimited because it is a question of a continuous process.

Furthermore the width and thickness can be adapted to the application. Also two-sided coatings can be realised.

Filter belts of nearly all materials can be coated in our company.

## Step by Step - „Almost“ everything is possible!

For more than 20 years engineers and technicians have dealt with the very multifaceted sector of filtering and separating solids and liquids. At first filter cloths for chamber filter presses were focused. Today FUGAFIL is offering filter media for all popular aggregates and applications of liquid filtering. Furthermore we found solutions for all customer specific problems. In addition to the band filter illustrated in our previous newsletter this issue shows new applications.

All produced filter and sieve fabrics are available in different widths and can be cut into stripes or can be refined and sewed to realise all customer requests regarding design and form.

Also the „classical“ cutting and sewing, laser and ultrasonic cutting, warm and high-frequency pressing and welding, edge coating etc. „almost“ everything is possible!

These processing is also possible with fabrics supplied from our customers as a job order production - of course with the usual FUGAFIL - quality.

**FUGAFIL®** saran

Meet us at:

### Filtech 2011

22. - 24. März 2011  
Messe Wiesbaden

hall 3.0 stand G11

### TECHTEXTIL

24.-26. Mai 2011  
Messe Frankfurt

hall 3.1 stand D 51



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### Visit us on the internet:

[www.fugafil.de](http://www.fugafil.de)