

Innovative filter fabrics made by FUGAFIL[®]-saran GmbH

FUGAFIL[®]-saran GmbH is a producer of monofilaments and industrial fabrics. As we have a complete range of production stages, we dispose of an own extrusion, a weaving mill as well as a finishing and a making up department including an ultramodern laser cutter as well as an ultrasound cutting machine. So we guarantee a high product quality combined with a flexible and customer-orientated manufacturing process.

In the middle of the previous century FUGAFIL[®] was founded in Raesfeld as the saran weaving firm. Nowadays FUGAFIL[®] has established on the market – amongst other things – as a specialist in solid/liquid separation for the industrial sector. We produce i.e. filter and mesh fabrics both in form of roll goods and ready-made parts for various kinds of applications.

For that we use PVDC (saran[®]), Polypropylene, Polyethylene, PVDF, Polyester, Polyamide 6, Polyamide 6.6, Polyamide 11 and Polyamide 12. Our making-up department manufactures precisely by means of an ultramodern laser cutter due to your specifications, i.e.:

- ◆ filter cloths for chamber and membrane filter presses
- ◆ filter bags for rotary disk filters and plane filters
- ◆ coverings for vacuum drum filters
- ◆ filter round plates for pressure filters
- ◆ conveyor, filter and mesh belts
- ◆ various mesh coverings.



Of special interest is one of our new developments in this field: a conductive monofilament. With that it is possible to create a conductive fabric by bringing the monofilament into warp direction of the fabric. Conductive filter fabrics are applied in all processes where static discharges have to be avoided or rather where the filter cake keeps adhering on the filter cloth due to static charge.



A further new development portrays a fabric made of Polyamide 12 which shows a higher dimension stability because of the measure referring to the technology of weaving that we break the register round of pattern after 5 cm. This fabric has been developed especially for large filter presses (1200 – 2000 mm) which are employed in municipal sludge dewatering.

It is suitable for polymer-conditioned as well as for conventionally with iron and lime treated sludge.

Furthermore we have developed a new fabric made of Polyester for drum filters together with the company J. Rettenmeier & Söhne GmbH & Co. – the specialist for flocculation and pre-coating with natural raw material like cellulose. This fabric yields excellent filtration results interplaying with cellulose.

For further information please do not hesitate to call us. But you could also get in touch with us via internet on www.fugafil.de or visit us on our booth no 438 in hall A1 at IFAT 2005 in Munich.

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