

Filters for the filtration of fluid and gaseous media

### Applications:

- Paint and enamel industry
- Liquids in electroplating
- Film development companies
- Liquids of chemical industry
- Petrochemical industry
- Food industry
- Pharmaceutical and cosmetics industries
- Water processing
- Cutting and cooling emulsions



<b>Construction:</b>	<b>P 9<sup>3/4</sup> P...</b>	made of pleated polyester fleece for water and industrial liquids
	<b>R 9<sup>3/4</sup> P...</b>	made of pleated V2A fabric for water and industrial liquids
	<b>GF...PP...</b>	Wound polypropylene for water, photographic processing, galvanising, chemicals etc.
	<b>GF...PP...FU</b>	with additional monofilament top coating
	<b>GF...B...RK</b>	pure cotton wound on a V2A supporting structure
	<b>S...PH...</b>	high-quality fibre fleece elements for waters, paints and enamels
	<b>S...PAH-W PAE-G</b>	activated carbon filter for water or galvanising fluids

Various filters for erosion dielectrics for wire-cut and die-sinking EDM machines.  
Various filter mountings with 1" connection in plastic or stainless steel.

We are also able to supply many other makes of filter.

Ask us for a quote, we're sure you will be pleasantly surprised by our favourable prices.

## Filters for liquids

**Capacity table:** Flow rates for a standard element  
 Length: 254 mm, Da. 63 mm, Di. 26 mm at a differential pressure of  
 < 0.15 bar. Performance specified in l/min, based on measurements  
 made by a university institute

Nominal fineness in mic.	Operating viscosity		
	1 E 1 cSt 1 dm <sup>2</sup> /s	3,7 E 27 cSt 27 dm <sup>2</sup> /s	9,5 E 72 cSt 72 dm <sup>2</sup> /s
0,5	6	2,5	1,5
1	8	3,5	2,5
3	12	6	4
5	15	8	5
10	18	11	6
15	24	14	7,5
20	30	17	9
30	32	20	12
50	36	24	16
75	36	24	20
100	36	28	26
150	36	32	30
200	36	32	30
300	36	32	30
400	36	32	30

<b>Filter definitions</b>	Initial differential pressure in new state:	0,1 – 0,3 bar
<b>Pressure stability</b>	Permissible final differential pressure	3,0 – 3,5 bar
	Bursting pressure of the supporting structure for standard implementation	~ 5 bar
	Special versions	~ 10 bar

For extreme nominal fineness (from 5 µ) and media, it is recommended that the filter be changed at 1.5 - 2 bars.