

## Product Portfolio | Solid - Liquid - Separation (SLS)

The KAYSER FILTERTECH GROUP offers you tailor-made solutions for industrial filtration and its diverse applications in the field of solid-liquid separation. Our products are used in almost all branches of industry, e.g. **the chemical and pharmaceutical industry, the electronics industry, as well as in the water treatment, beverage and food industries.** We support our customers in the selection of filter media and ensure a high level of process reliability with a dependable network of our own production sites and suppliers.

KAYSER FILTERTECH offers you a comprehensive range of materials and types of filter elements and housing configurations. We supply standard and special housings with a wide variety of adapter designs. If required, the housings meet the PED, ASME or ASME-U-Stamped certification requirements. Food grade housings and filter media can be supplied in accordance with FDA and EU standards, as well as the LABS conformity of the paint industry.

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### KFTB-Series | Needle felt and fabric filter bags

- Filter bags for all commercially available bag filter housings
- Available with plastic collar; steel and stainless steel ring, handles
- Sizes: 1 - 4 or special sizes: 30 / 65
- Materials: polypropylene; polyester; nylon (PA); PTFE / ETFE
- Designs: pleated / multilayer / single layer



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### KFTK-MB-Series | Meltblown filter cartridges

- Filter cartridges for all standard cartridge filter housings
- Available in all common end cap configurations
- Lengths: 5 " - 80 " | other lengths on request
- Materials: polypropylene; polyester; nylon (PA)
- Support core: polypropylene; stainless steel (316); also available without a support core
- Separation ratings: nominal & absolute



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### KFTK-PL-Series | Pleated filter cartridges

- Filter cartridges for all standard cartridge filter housings
- Available in all common end cap configurations
- Lengths: 4 " - 50 " | other lengths on request
- Materials: polypropylene; polyester; glass microfibers
- Support core: polypropylene; stainless steel (316); glass; tin
- Separation ratings: nominal & absolute



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### KFTK-KT-Series | Membrane filter cartridges

- Filter cartridges for all standard cartridge filter housings
- Available in all common end cap configurations
- Lengths: 1 " - 50 " | other lengths on request
- Materials: polypropylene; polyester; nylon (PA); PTFE; PTFE/PFA
- Absolute separation ratings



### KFTK-AK-Series | Activated carbon filter cartridges

- Available with polypropylene end caps
- Lengths: 10" - 20"
- Material: polypropylene
- Gasket: NBR
- Also available in LARGE



### KFTK-WK-Series | Wound filter cartridges

- Filter cartridges for all standard cartridge filter housings
- Available in all common end cap configurations
- Lengths: 10" - 60" | other lengths on request
- Materials: polypropylene; polyester; nylon (PA); glass fiber
- Bleached or natural cotton
- Support core: polypropylene or stainless steel



### KFTK-Bi-Series | Bi-component fiber filter cartridges

- Filter cartridges for all standard cartridge filter housings
- Available in all common end cap configurations
- Lengths: 10" - 40" | two-stage design
- Materials: polypropylene/polyethylene thermally bonded
- Nominal separation rating (99%)



### KFTK-HF-Series | High Flow pleated filter elements

- Pleated filter elements for all commercially available High Flow filter housings
- Multi-layer pleated design with enhanced filter surface
- For higher flow rates
- Lengths: 10"; 40"; 60"
- Material: polypropylene
- Filtration efficiency: absolute (Beta > 1,000; efficiency: 99.9%)
- QUAD sealing ring



### KFTB-E-PL-Series | Absolute pleated filter elements

- Pleated filter elements for all commercially available bag filter housings
- Multi-layer pleated design with a surface up to 5 m<sup>2</sup>
- For higher flow rates
- Sizes: 1 & 2
- Materials: micro glass fiber; polypropylene
- Filtration efficiency: absolute (Beta 1,000 to 5,000)



### Cartridges | Adapter designs

- DOE with or without a flat gasket
- SOE 222 O-ring bayonet / tip
- SOE 222 O-ring / flat cap
- SOE 226 O-ring bayonet / tip
- SOE 226 O-ring / flat cap
- O-rings available in all standard and special materials
- Support core extension & flat cap spring
- Connections: glued or thermally welded



### KFTFSM-Series | Filter sheet modules

- Sizes: 12“; 16“
- Materials: polypropylene; nylon (PA)
- Filter surfaces up to 5 m<sup>2</sup>
- Flat gaskets
- Temperature resistant up to 85 °C
- High dirt holding capacity
- High level purification



### KFTG-SK & MK-Series | Single & Multi cartridge filter housings

- For cartridge sizes: 10“ - 40“
- Number of cartridges: single or multi cartridge design
- Adapter designs for: DOE; 222/226 O-ring
- Filter housing materials: 304; 316; 316L stainless steel, Hastelloy (C22)
- Surfaces: pickled / passivated; electrochemically etched; electropolished
- Dimensions of connections: 0.5“ - 12“ flange
- Types of connections: JIS; ANSI; DIN; Clamp; PTF; BSPF; NPTF; PTM; BSPM; NPTM
- Gaskets: EPDM; NBR; Viton; silicone; FEP/silicone



### KFTG-SB & MB-Series | Single & Multi bag filter housings

- For bag sizes: 1 - 4
- Number of bags: single or multi bag design with up to 12 bags
- Filter housing materials: 304; 316; 316L stainless steel, Hastelloy (C22)
- Surfaces: pickled / passivated; electrochemically etched; electropolished
- Dimensions of connections: 0.5“ - 12“ flange
- Types of connections: BSPF; DIN; Clamp; ANSI; BSPM
- Gaskets: EPDM; NBR; Viton; silicone; FEP/silicone
- Various housing accessories: pressure gauges, valves (automatic via control station)



### KFTGS-SK & MK-Series | Sanitary housings

- For cartridge sizes 10“ – 40“
- Number of cartridges: single or multi cartridge design with up to 8 cartridges
- Filter housing materials: 316; 316L stainless steel, Hastelloy (C22)
- Surfaces: electropolished
- Adapter design: typical adapters, e. g. Code 7
- Types of connections: DIN; Clamp; ANSI
- Gaskets: EPDM; NBR; Viton; silicone; FEP/silicone
- Various housing accessories: pressure gauges, valves (automatic via control station)



### Quality requirements | Standards

- US Food and Drug Administration FDA
- EU 10/2011; 1935/2004; 2023/2006 „GMP“; LABS; HALAL
- PED according to 2014/68/EU
- PED according to ASME and ASME-U-Stamped VIII
- DIN EN ISO 9001:2015
- DIN EN ISO 14001:2015
- DIN EN ISO 50001:2011



Data sheets for internal support



**TASK | Filter management**

- Optimization of filter plants
- General repair work on filter equipment
- Removal and assembly of filter elements
- Maintenance and inspections
- Disposal of contaminated filter elements
- Reconstruction and refurbishment



**Your benefits:**

- Single source supplier
- Short delivery times
- Over 40 years of experience you can count on
- Competitive pricing
- In-house testing and laboratory facilities
- TASK | Filter management