

Aerospace industry filters

Sefar has a comprehensive range of fabrics for use in the aerospace industry for ground and service applications, such as dewatering fuel, hydraulic and pneumatic filter systems and sound attenuation.



Product Features

Sound attenuation

- Unique synthetic fabrics based on PEEK materials
- Defined acoustic impedance (Rayl)
- Highly precise and uniform mesh openings using finest yarns
- Highly temperature-resistant, and excellent chemical resistance

DOWNLOADS

Customer Info: Aerospace Industry (PDF
343 kb)

Separation of water from kerosene (coalescing)

- Highly precise and safe filter fabrics with a large range of mesh openings
- Choice of fabric designs that provide the best possible flow-through rates
- Hydrophobic surface coatings
- Good temperature and chemical resistances
- Available in SEFAR NITEX (PA), SEFAR PETEX (PET) and SEFAR PEEKTEX (PEEK)
- Testing equipment complies with ISO 16332

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Hydraulic and pneumatic filter systems

- Highly precise and secure filter fabrics with a large range of mesh openings
 - Excellent thermal and chemical resistance
 - Best possible flow-through rates
 - Available in SEFAR NITEX (PA), SEFAR PETEX (PET) and SEFAR PEEKTEX (PEEK)
 - Best processability
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Your Benefits

Sound attenuation

- Substantial weight reduction, corrosion-free material combinations (PEEK high performance polymer)
 - Fabrics with defined Rayl values (state-of-the-art Rayl testing equipment; Raylometer)
 - Sefar expertise (well-established partnership in the aerospace industry for over 30 years)
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Kerosene coalescing

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- Maximized seam strength of hydrophobic materials (ultrasonic welding equipment)
- Improved coalescing effect (various coatings and systems)
- High durability and long lifetime (stainless steel)
- Significant weight reduction potential by using high performance polymeric fiber
(PET, PEEK, PTFE, PFA, FEP)
- Less installation space (high flow rates)

Hydraulic and pneumatic filter systems

- Withstands harsh conditions caused by high pressure, temperature,
shock and aggressive fluids (stainless steel and high performance synthetics)
- High protection of hydraulic, fuel, lubrication oil and air systems from contaminants
(precision mesh opening)
- Longer lifetime (reusable and cleanable)

Please call us for further information. We will also gladly send you fabric samples!

Locations



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