# **Product presentation** fteu® oil filter









## **Contact us today**

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### Optimized filtration and dispersion through engineering<sup>1</sup>

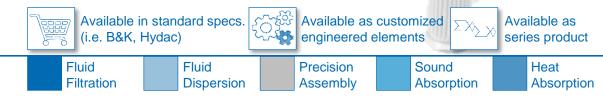
- Engineering: fluid-based layer configuration for optimal filtration and dispersion
- Fineness: customized filtration fineness between 500µm and 1µm for each layer
- Flow: media of wire mesh (6 different weaving structures available) and/or metal fibre felt for optimized flow and dirthold characteristics

#### Maximized uptime through pleated structures

- Pleated structures: realisation of increased filtration surface through pleated structures (max. pleating height of 7mm) for up 700% surface area compared to flat/cylindrical shape
- fteu® MircoPleats: exploitation of filtration surface in defined spaces with fteu® MicroPleats (pleating height 2.3mm – 3.0mm) for up to triple the surface area

### Maximized lifetime the quality components and assembly

- Backflushing: design of the filter to withstand pressure in both directions to allow process-integrated backflushing
- Cleanability: usage of quality metal components as well as customer-specific assembly methods (welding, bonding, pressing) for efficient cleaning and long-term usability



#### **Better Function in Metal Mesh**

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