

# Product presentation

## fteu® water filter



### Optimized filtration and dispersion through engineering

- **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 dirt-hold characteristics

### Maximized uptime through pleated structures

- **Pleated structures:** realisation of increased filtration surface through pleated structures (max. pleating height of 7mm) for up to 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

## Contact us today



Available in standard specs.  
(i.e. Pall, Boll & Kirch)



Available as customized  
engineered elements



Available as  
series product

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Fluid  
Filtration

Fluid  
Dispersion

Precision  
Assembly

Sound  
Absorption

Heat  
Absorption

Better Function in Metal Mesh

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