

filtertechnik.Europe

Function in Permeable Metal

fteu® Technology Introduction

Performance Filter for Mining Equipment



fteu® Technology Introduction

Performance Filter for Mining Equipment



Overview

Filters & separators for



Water & waterlike viscosity



Fuel & oil



Function & cost-efficiency for mining filtration: product, service, value chain

- Function-first with state of the art hardware, focus efficiency/performance layer
- Customer orientation, engineered solution, seamless & soundless service

Design for specific performance and quick lifecycle servicing

- Performance oriented customer product design
- Excellence in filtration & separation, cleaning & replacement, handling & mounting

Qualification & quality control for heavy-duty performance and reliability

- fteu® quality control from solid raw metal material, through permeable metal to finished filter
- Long-term and fail testing of all components, joints and system integrity

How can we help you

- **Spare parts:** standard filters, production ready
- **Fast track production:** design and production qualification based on verified design
- **Full product development:** function-based engineering, qualification (prototype to series), production, service

Function in Permeable Metal

flow

filtration

separation

absorption

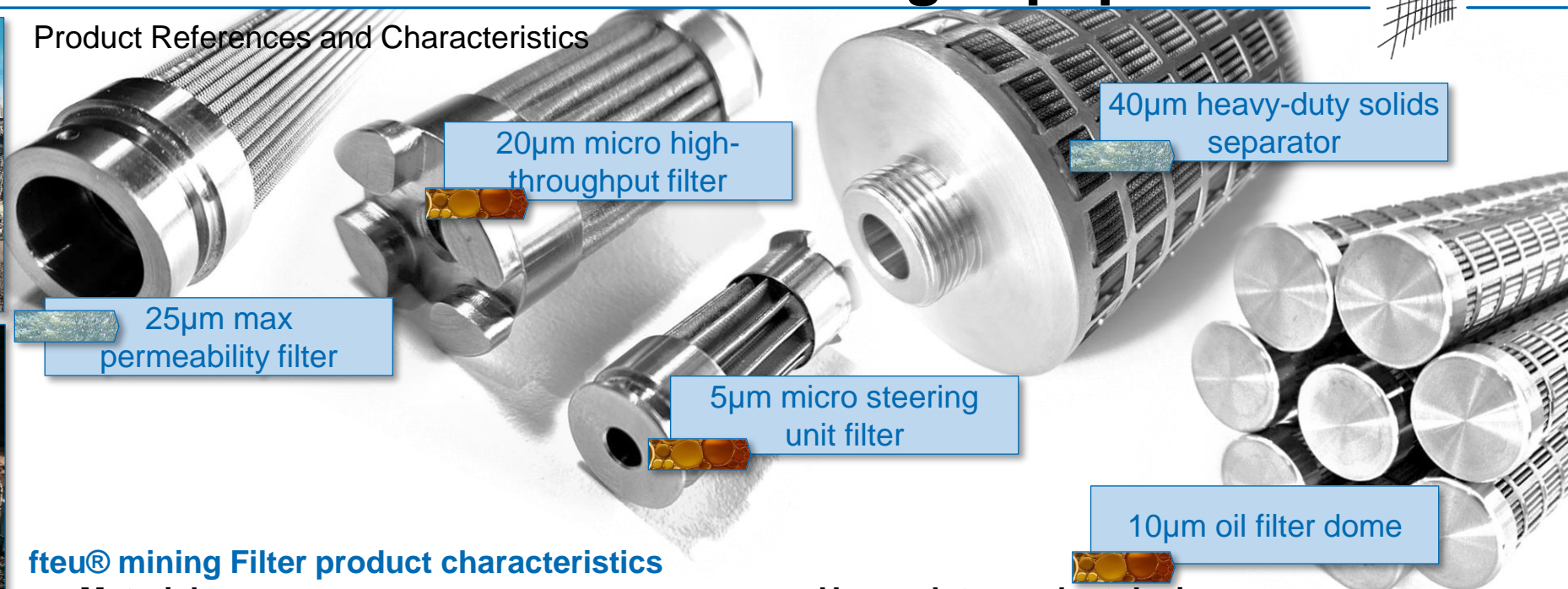
handling

fteu® Technology Introduction

Performance Filters for Mining Equipment



Product References and Characteristics



fteu® mining Filter product characteristics

- **Material**
stainless steel; 1.4301, 1.4401, 1.4404
- **Filtration**
up to 1µm filtration fineness
- **Maximum functional surface**
Maximized functional surfaces with pleats or micro pleats for all filter sizes
- **Optimized efficiency permeable metals**
Sinter laminates, wire mesh, fibre felt
- **Heavy-duty product design**
Heavy-duty and high permeability support structure
- **Verified heavy-duty reliability**
Integrity verified fully welded or bonded joints
- **Efficient installation and maintenance**
Mounting and service optimized design
- **Various standard products**

Function in Permeable Metal

flow

filtration

separation

absorption

handling

fteu® Technology Introduction

Performance Filters for Mining Equipment



We offer permeable metal products that enable improved function in processes and machines. Quality excellence is our trademark in solutions that achieve more productivity and effectiveness for our customers. Our products excel in environments that require media and temperature resistance, mechanic stability and precision.

Our filters, separators and absorbers enable efficient processes of various media:



Gas



Air



Oil & Fuel



Water

and waterlike viscosity



Polymer

and high viscosity fluids



Solids

and sensitive fluids

Contact us today or learn more: www.fteu.eu

Norbert Beckers

Engineering –
Product Development

nbe@fteu.de

+49 2452 97606 41

Olga Petko

Technical Sales

ope@fteu.de

+49 2452 97606 72

Global value system

- Entire quality chain in-house (incl. tooling and machine manufacturing)
- Engineering, Production in Germany and P.R. China
- Worldwide local contacts and global supply with seamless interaction between fteu® Group locations

Certified quality

- ISO 9001 certified
- IATF 16949 certified

Partner for manufacturers and user of heavy-duty and large-scale equipment

- Compressors & processing industry
- Automotive industry
- Machine building

Function in Permeable Metal

flow

filtration

separation

absorption

handling