AIFILTECH · High-Temperature Flue Gas Purification

Metal Filter Elements & Marine Filter Baskets

High-Temperature Components & Parts

Overview

Metal filter elements use sintered metal felt, wire mesh or wedge wire media - strong and back-flushable - in ranges including large marine filter bas...

Key Advantages

- Filtration rating: **0.22–100 µm**
- Temperature range: **280 ℃ (wet) to 650 ℃**
- Material options: **316L / 310S / titanium / nickel**
- Regeneration: **Back-flush, back-wash & ultrasonic**

Technical Data

Media route	Powder sintering / sintered mesh & felt / wedge wire
Filtration rating	0.22–100 µm (0.45/1/3/5/10/20/30/50 series)
Porosity	28%–50%
Material options	316L / 310S / titanium / nickel
Temperature range	280 ℃ (wet) to 650 ℃
Large-size capability	Marine filter baskets up to 500 mm dia. and above
Series forms	Large baskets / conical / pleated / stacked-disc
Regeneration	Back-flush, back-wash, ultrasonic
Product No.	AI-ACC-84

Applications

- Marine seawater / fuel / lube-oil filtration
- Chemical & polymer feed filtration
- Hot-gas dust removal
- Steam filtration
- Temporary conical strainers

Commercial Terms

Reference Price	Supply Capacity	Lead Time
面议	**定制生产**	**15 天**

All data above are obtained under specific test conditions; the actual solution must be engineered to site conditions. Values listed here refer to standard models — AIFILTECH provides custom design and sizing based on actual gas volume, temperature, dust characteristics and emission limits.