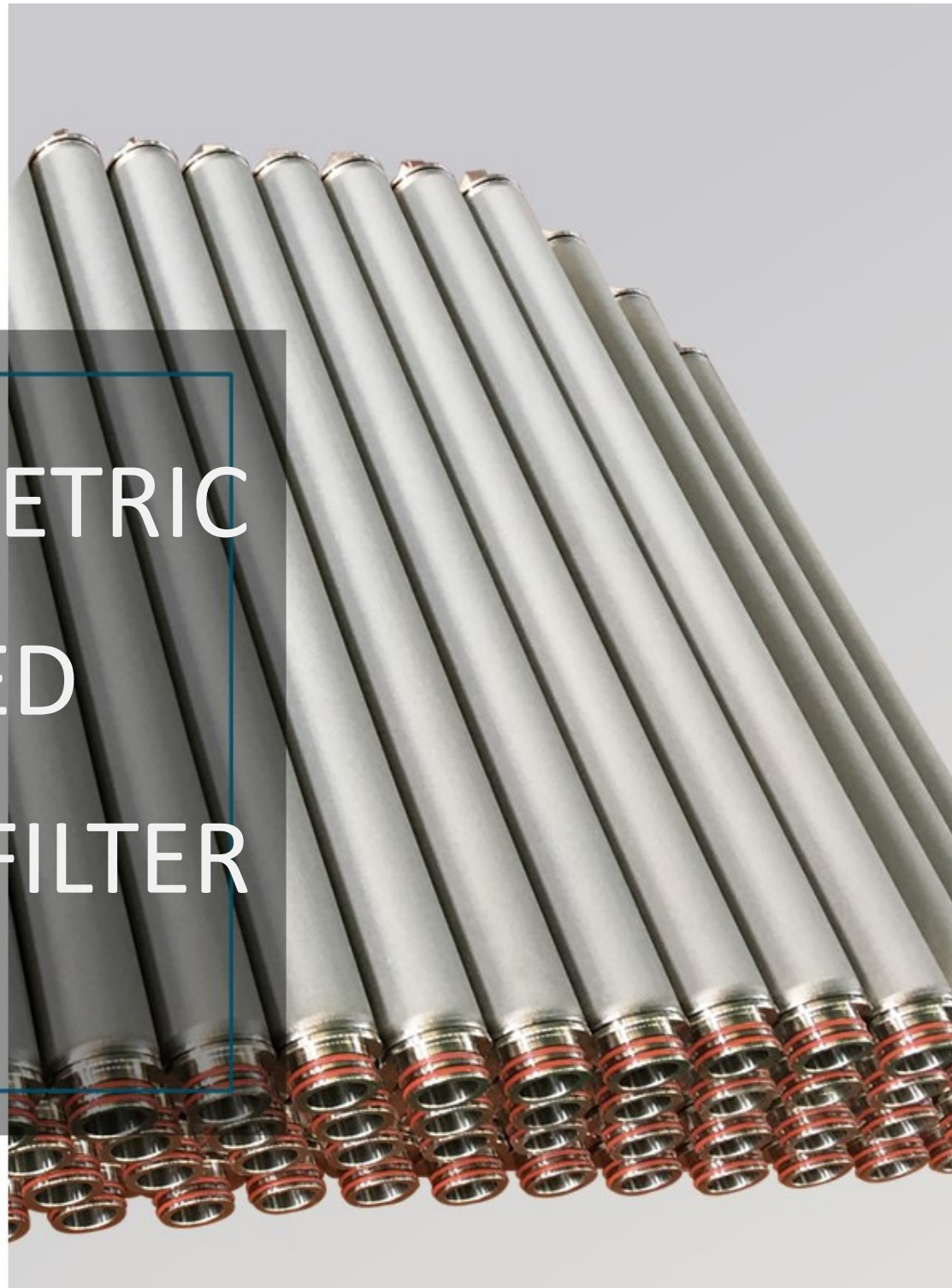




FITALLOY TECHNOLOGY

# ASYMMETRIC SINTERED METAL FILTER





# ABOUT US

## Fitalloy Technology Limited

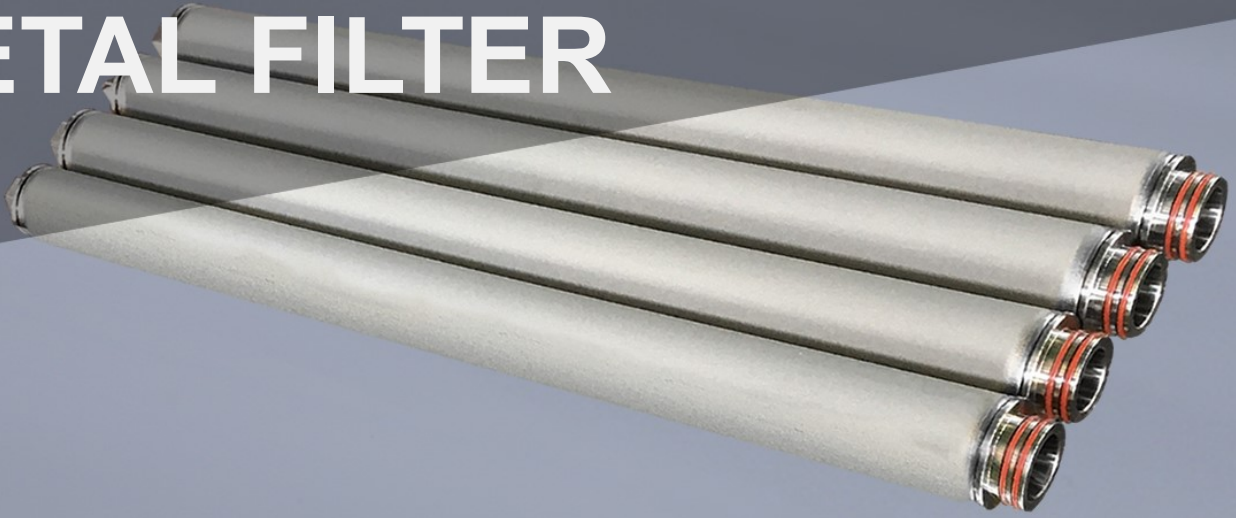
Fitalloy is an advanced metal filter elements manufacturer & supplier, with more than 20 years of experience. We have introduced the state of art machines and employed experienced technicians to supply high-performance, innovative materials, and solutions for applications in filtration and separation. Our products include:

- | Sintered Mesh Filter
- | Sintered Plate Filter
- | Pleated Metal Filter
- | Sintered Fiber Felt
- | Polymer Filter Elements
- | Polymer Leaf Disc
- | Polymer Extruder Screen
- | Sintered Powder Filter
- | Asymmetric Sintered Metal Filter
- | Hot Gas Filtration Elements
- | Filter Leaf
- | SPL Filter

Our products are widely used in numerous industries including aerospace, oil and gas, petrochemical, water, mine, polymer, food & beverage, automotive, and many other filtration and separation industries. With so many applications, we have built the R&D, design, machining, sales, and quality control departments. With the design and tailored solutions, we then translate them into high-level products. And our team has been learning about the forefront of filtration technology from industrial leading companies. Here customers could get high-quality products at an economic price!



# ASYMMETRIC SINTERED METAL FILTER



It is what Filtalloy company developed with micron rating reaches 0.1um. It's constructed by fine film and coarse film which both assure the filter rating and supply the robust strength.

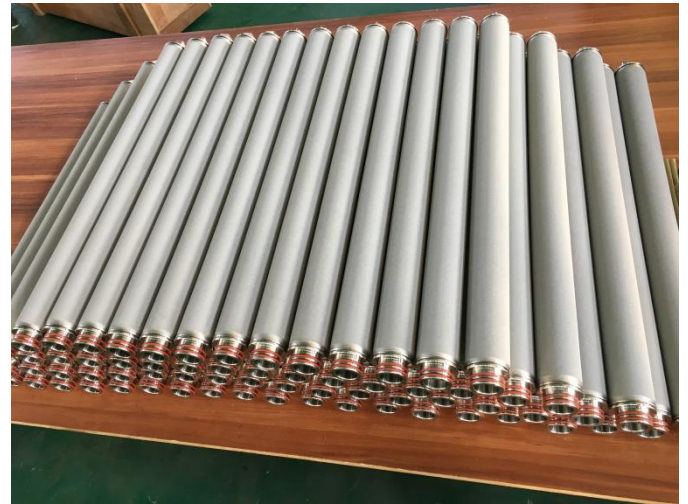
## Features:

- ✓ Filtration accuracy and stable. Our asymmetric sintered meter filter membrane improve the retention rate to 99%, which is far more than usual material 95%.
- ✓ High permeability because of the asymmetric structure
- ✓ Surface filtration, easy to backwash
- ✓ Double membrane structure

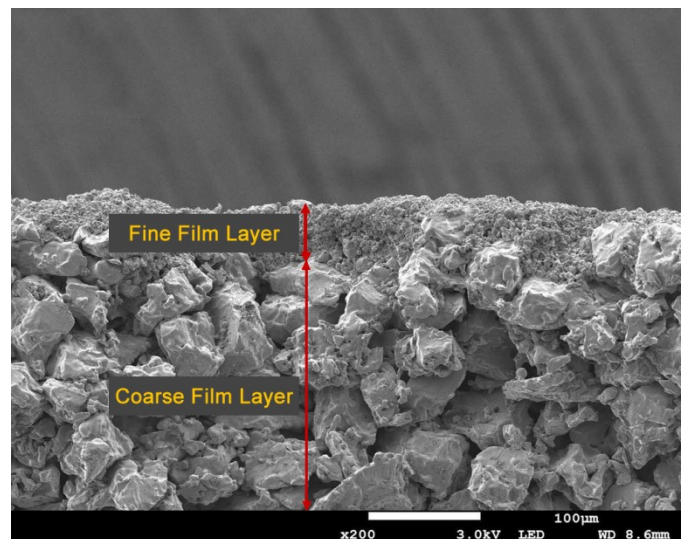
## Applications:

- ✓ Filtering and recycling of diverse catalysts in Petroleum refineries and Petrochemical plants
- ✓ Gas and liquid filtration field, which has lower micron demand
- ✓ Renew energy, battery material filtration
- ✓ Other precise filtration industry

<b>MATERIAL</b>	SS304L and 316L, Nickel, Titanium, Monel, Inconel, Hastelloy and other
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Asymmetric Sintered Metal Filter



Detail Sight Under Microscope



### Specification of Asymmetric Sintered Metal Filter

Grade	Filter rating (µm)	Porosity (%)	Thickness (µm)	Bubble Point Pressure (Pa)	Filter Efficiency	OD (mm)	Length (m)
FA-0.5AS	0.5	25	200	11960	>99%	Max 400mm	Max 1600mm
FA-1.0AS	1	30	200	8280	>99%		
FA-2.0AS	2	40	200	5230	>99%		
FA-5.0AS	5	40	200	4100	>99%		

# FILTALLOY



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