



FITALLOY TECHNOLOGY

POLYMER LEAF DISC





ABOUT US

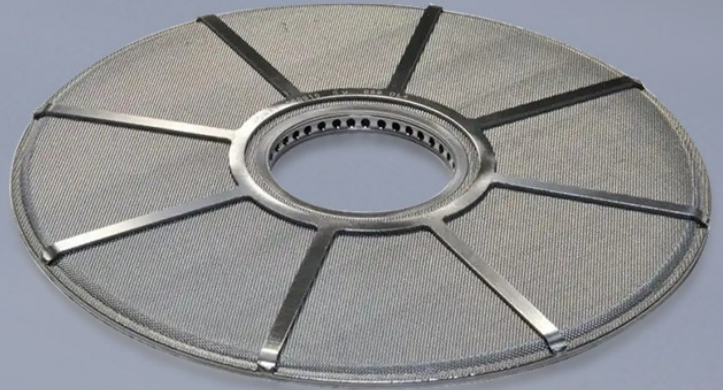
Fitalloy Technology Limited

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!

POLYMER LEAF DISC

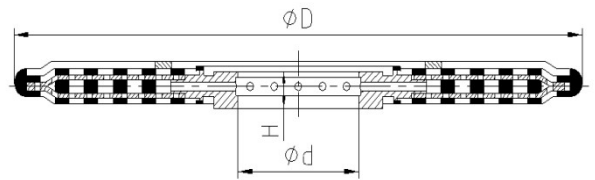


Polymer leaf disc filters are widely used for high viscosity filter. It effectively solve the problem of polymer stagnation, polymer degradation and gel creation.

Applications:

- ✓ Polymer biaxially oriented film (BOPET, BOPP, BOPA, BOPI)
- ✓ Battery separate film production

Structure:



MATERIAL	SS316, 316L or other alloy
FILTRATION	1-100 micron
OPERATURE PRESSURE DROP	Max. 10Mpa
OPERATION TEMPERATURE	Max. 300°C
FILTER MATERIAL VISCOSITY	Max.260 Pa.s
OPERATION PRESSURE	Max. 31.7Mpa

Dimensions of Polymer Leaf Disc Filter					
OD (Inch)	OD (mm)	ID (mm)			
4 inches	111	47.6	38.1		
5 inches	149	47.6	38.1		
6 inches	152.4	38.2			
7 inches	177.8	63.5	47.6		
8 inches	222	76.2	63.5	47.6	
10 inches	254	85	47.6		
12 inches	304.8	115.5	85.2	76.2	63.5

Remarks: Other dimensions could also be customized, such as OD 181mm/ OD 297mm.





Specifications of Polymer Leaf Disc Filter

Item	OD (mm)	OD (inch)	ID (mm)	Thickness (mm)	Filtration Area (m2)
ALY-PLDF-12065	304.8	12	85	6.5	0.12
ALY-PLDF-12070	304.8	12	85	7	0.12
ALY-PLDF-12063	304.8	12	63.5	6.5	0.13
ALY-PLDF-12080	304.8	12	85	8	0.12
ALY-PLDF-12075	304.8	12	85	7.5	0.12
ALY-PLDF-12070	304.8	12	63.5	7	0.13
ALY-PLDF-12063	304.8	12	63.5	6.5	0.13
ALY-PLDF-11075	297.18		85	7.8	0.11
ALY-PLDF-11078	297.18		85	7.5	0.11
ALY-PLDF-07072	254	10	47.6	7.2	0.082
ALY-PLDF-10065	254	10	85	6.5	0.08
ALY-PLDF-08065	222		63.5	6.5	0.064
ALY-PLDF-07080	181		85	8	0.036
ALY-PLDF-07065	177.8	7	47.6	6.5	0.04
ALY-PLDF-07085	177.8	7	85	6.5	0.029
ALY-PLDF-06065	152.4	6	38.2	6.5	0.032

Note:Other dimension could be customized.

FILTALLOY



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