



# Precision Filtration (Shanghai) Co., Ltd.

Data Sheet • Dual Flow Filter Bag

Industrial Liquid Filtration Solutions

## Dual Flow Filter Bag

Our Dual Flow filter bag upgraded based on traditional standard filter bag. Fully welded or Stitched an inner filter bag together with the traditional standard filter bag. When liquid flows into dual filter bag, it can filter the liquid from the traditional standard filter bag outward and from the inner filter bag inward, so as to filter liquid from the filter bag inward and outward, that is called Dual-flow.

Compared with the traditional standard filter bag, filtration area of our Dual Flow filter bag increased by 75%~80%; Amount of contaminants collected increased significantly; Double filtration efficiency; The service life of Dual-filter bag is more than 1 times that traditional standard filter bag, maximum up to 5 times; The filtration cost is reduced by several times.

Our Dual Flow filter bag is applicable to all traditional bag type liquid filter housing. It can be used by simply upgrading the traditional filter basket, only welded an inner basket into traditional filter basket.



## Ordering Information

Sample Part Number

**DFPO-100-P02E**

**DFPO**

Bag Material

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**100**

Micron Rating

-

**P02**

Bag Size

**E**

Ring/Collar Style

Bag Material	Micron Rating	Bag Size	Ring/Collar Style
DFPO = Polypropylene	0.2, 0.5, 1, 5,	P01 = Ø182*420mm	E = Polypropylene
DFPE = Polyester	10, 25, 50,	P02 = Ø182*820mm	H = Polyethylene
DFPOXL = Extended Life PO	75, 100, 125,		T = Polyester
DFPEXL = Extended Life PE	150, 200, 300,		N = Nylon
DFNMO = Nylon mesh	400, 600, 800,		S = Zinc Coated Ring
DFLCR = Oil adsorption	1000, 1200 µm		A = Stainless Steel 304
			F = FSI Style Collar

## Specifications

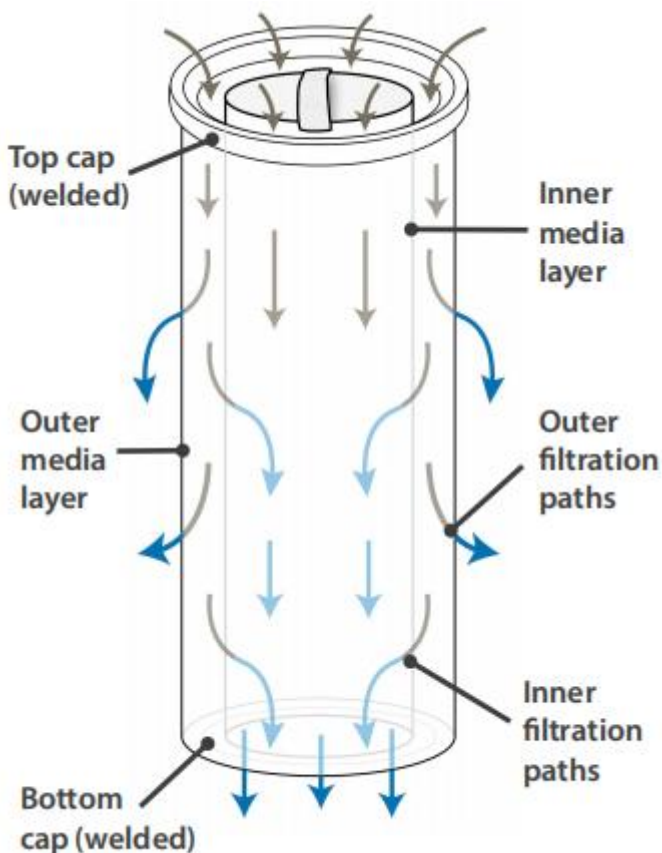
- Diameter: 182mm
- Height: 750mm (Size #02)
- Max.Operating Temperature-PO: 80℃
- Max.Operating Temperature-PE: 120℃
- Max.Operating Temperature-NMO: 150℃
- No adhesives, no binders
- Silicone free, polybutene free
- Food grade compliance

## Dual Flow Basket

- Dual Flow baskets are suitable to traditional common housings
- Material: SS304, SS316



## Flow Paths



## Dual Flow Filter Bag Feature

Higher flow rates	<ul style="list-style-type: none"> <li>● Dual directional flow, both bags participate in filtration simultaneously, so that flow rate can be doubled</li> <li>● Smaller, less costly housings can be used</li> <li>● Reduce bag numbers of multi-bag housings when design new bag filtration systems</li> </ul>
Increased surface area	75%~80% more media than standard size filter bag
Large contaminant retention	Amount of contaminants collected increased significantly
Long service life	2-5 times the dirt holding capacity of a standard size filter bag, at least double longer service life and less changing out
Reduced hold-up volume	Two-cylinder design retains less fluid for easier change-outs
Wide compatibility	All ordinary filter bags can be simply upgraded to Dual Flow filter bags by fitted with a compatible Dual Flow basket to reduce running costs for existing systems
Economical filtration solution	Our EXW sales Price of 1pc Dual Flow filter bag is lower than 2pcs standard size filter bag