

Pleat type filter



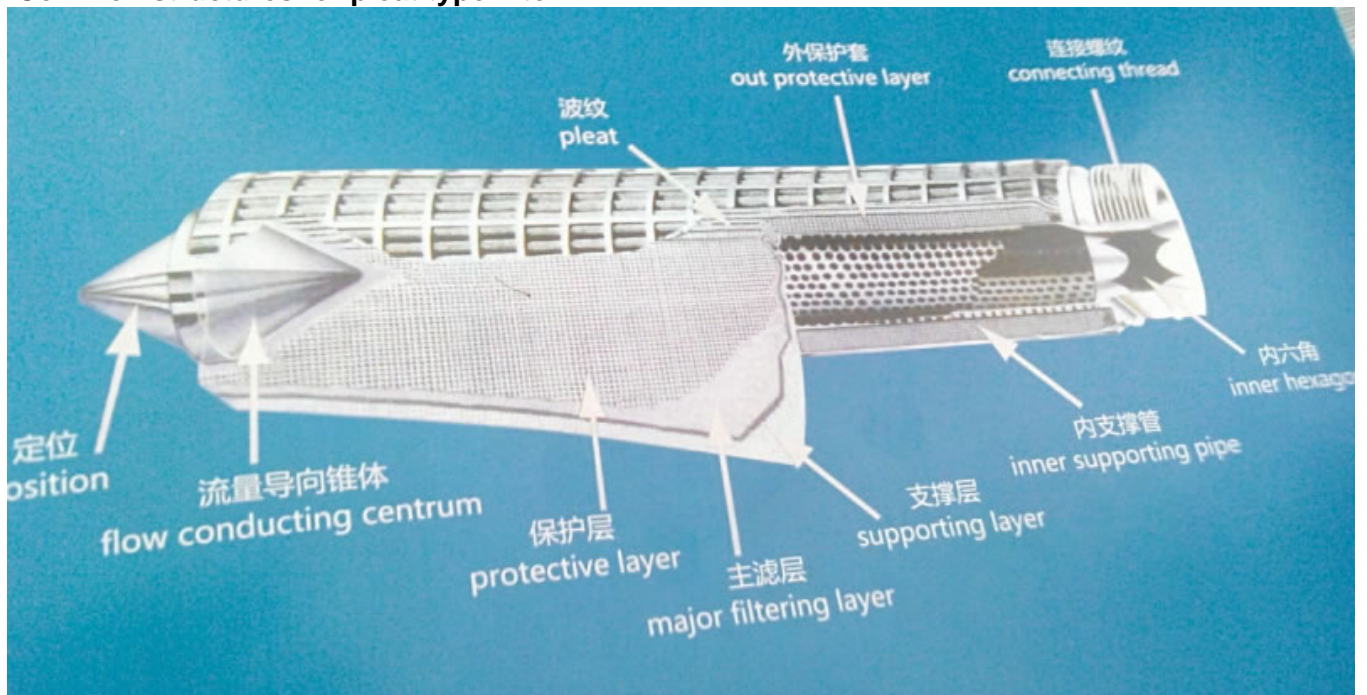
The main filter part of pleat type filter is made by stainless steel fiber sintered felt and stainless steel mesh.

Pleat type filter with its characteristics as below: large filtration area, particle holding capacity, easy cleaning, high temperature resistance, economical, etc..

Application:

1. High polymer industry: synthetic fiber, plastics, film production;
2. Petrochemical industry: petrochemistry, petroleum refining, paint refining, etc.;
3. Pharmaceutical and food industry: synthesis, refining, catalysis, recycling for medicine/food ;
4. Machinery and vessel industries: hydraulic machine/milling oil production, gas flow controlling;
5. Air purification or water treatment: sterilization & filtration;
6. Others: High temperature, high viscosity, high pressure.

Common structures for pleat type filter:



Performance parameters

Absolute Filter precision (?m)	Bubbling pressure (Pa)	Average Air permeability (l/dm ² /min)	Thickness (mm)	Weight (g/m ²)	Porosity (%)	Dirt-holding capacity (mg/cm ²)
3	12300	9	0.35	975	65	6.40
5	7600	34	0.34	600	78	5.47
7	5045	57	0.27	600	72	6.47
10	3700	100	0.32	600	77	7.56
15	2470	175	0.37	600	80	7.92
20	1850	255	0.49	750	81	12.44
25	1480	320	0.61	1050	79	19.38
30	1235	455	0.63	1050	79	23.07
40	925	580	0.66	1200	77	25.96
60	630	1000	0.70	750	87	33.97

1. Bubbling test accords with ISO4003 standard;

2. The average air permeability test conforms to ISO4022 standard, under the air pressure of 200Pa;

3. The dirt-holding capacity test accords to ISO4572 standard, the final pressure drop of sintered fiber is 8 times of initial pressure drop.

Product link : <https://www.fldfilter.com/pleat-type-filter.html>