FINEPleat PP

Pleated PP Filter Element (Absolute Rated)

Vodka, Whisky, Gin

Pharmaceutical

Wine

Beer

Absolute rated filter element for filtration of spirits, beer, wine, food products, pharmaceuticals and cosmetics.

FINEPleat PP cartridges are manufactured from FDA approved materials and feature absolute (Beta ratio 5000) removal ratings from 0.2 to 40µm. FINEPleat PP filter cartridges are used in applications where precise removal of particles is required. Absolute removal ratings provide reliable results in a range of industrial, food and pharmaceutical applications. These are also highly effective at protecting sterilising grade membranes.

Filter Media
Polypropylene

Temperature
80°C*

Recommended DP
2.5 bar at 20°C

Compliance
USP Class VI, FDA

SPECIFICATIONS

Outside diameter:
Standard Element: 68.5mm
Junior: 55mm

Surface area:
Standard Element: 0.4 - 0.62m2 (per 10")
Junior: 0.15 - 0.24 m2 (5")

Materials of construction:
Filter media: Polypropylene
Cage, core and end caps: Polypropylene

Sterilisation with reinforced end caps only:
Steam or autoclave: 121°C for 15 mins (40 cycles) or 135°C for 30 mins (5 cycles)
Hot water: 90°C for 30 mins

COMPLIANCE

Absolute rating: *Beta ratio 5000*

FDA Title 21 (Parts 174 to 190)

USP Class VI Plastics (121°C): *Filter meets the biological safety requirements for plastics (121°C)*

EC 1935/2004: *Filter meets the requirements for food contact as detailed in EC 1935/2004.*

BSE/TSE

Full Traceability

FINEPleat PP

ORDERING INFORMATION

Micron rating

0.2	**2.5**
0.45	**5**
0.5	**10**
0.6	**20**
0.8	**40**
1.2	

Length

2J = Junior 62mm
5J = Junior 118mm
05 = 125mm
09 = 251
20 = 510
30 = 757
40 = 1016

Options

N = None
G = Reinforced end cap

FP □ □ □ □ □ □

Media

P = Polypropylene

End Cap

0 = Double open end
3 = 2 x 222/flat
7 = 226/fin
8 = 222/fin

Seal

S = Silicone
E = EPDM
V = Viton
TS = FEP Encapsulated Silicone
TV = FEP Encapsulated Viton

FILTER HOUSING SELECTION

STERALine PBT

Sanitary Cartridge Filter Housing

- Full range for 1 to 60 cartridges of 5” to 40” length
- Suitable for **CIP**, Cleaning in Place
- Sanitary crevice free hygienic design and mirror polished surfaces
- 316L, 1.4404, Stainless Steel and automatic welding ensure corrosion resistance and durability
- Wide range of certificates available on request (Material Certificate, Roughness, FDA, etc.)
- Wide choice of FDA and USP Class VI Gasket Materials
- Full materials traceability
- Designed according to Pressure Equipment Directive (PED)