

Fulflo® Metallic

Filter Cartridges



Optimise Process Filtration with High Integrity Metallic Cartridges

Parker's Fulflo® stainless steel cartridges provide the optimum filtration solution for fluids and gases in high temperature and high flow rate applications. Available in a cylindrical or pleated design, cleanable stainless steel cartridges are the logical choice when natural and synthetic media cartridges cannot meet aggressive process conditions.

Fulflo® re-usable 304 and 316 grade stainless steel cartridges offer versatility of choice with fourteen nominal particle removal ratings, six standard lengths and a variety of end configurations and seal materials.



Applications:

- Heat Transfer Fluids
- Process Steam
- Hot Melt Processes
- Viscous Fluids
- Corrosive Fluids
- Hot Wax
- Aggressive Gases
- Catalyst Recovery
- Polymer Filtration
- High Temperature Processes
- Caustic Cleaning Solutions

Product Features:

- High Temperature capability
- 304 and 316 stainless steel for compatibility choice with aggressive chemicals.
- Available with a wide range of grommet and O-ring materials to optimize fluid and temperature compatibility
- Meets FDA guidelines for use with potable and edible liquids
- Welded and crimped construction eliminates the need for adhesives which can be a contaminant source and limit temperature range
- Pleated surface maximises filtration area for longer service life
- Optional perforated stainless steel pleat protectors minimise handling damage

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Specifications

Filtration Rating

90% at specified micron rating

Materials of Construction

G = 304 Stainless Steel
S = 316 Stainless Steel

Construction Method: welded and crimped

Dimensions

OD: PSS = 67mm; CSS = 64mm
ID: 27mm

Maximum Operating Conditions

Max Temperature: (configuration dependent)
DOE with PTFE grommet = 260°C
Viton* and PFA/Viton* = 204°C
EPDM = 149°C
Buna N = 121°C
NPT (M) or (F) = 816°C

Max Pressure:
Standard Core = 4.1 bar
High Pressure Core = 20.7 bar

Max Flow Rate: 38 l/min per 10"

Recommended Operating Conditions

Change-Out Pressure: 2.4 bar
Flow Rate: 9.5 l/min per 10"

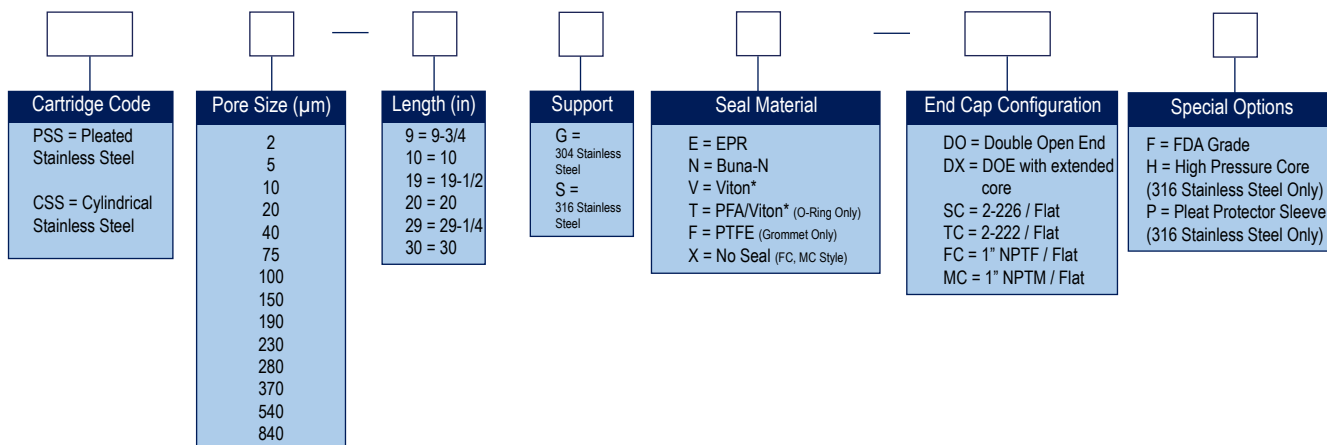
Length (in)	Flow Factor (mbar / l/min @ 1 cks)
9-3/4, 10	0.0096
19-1/2, 20	0.0138
29-1/4, 30	0.0211

Flow factors are the same for all ratings
Centre core ID and length are primary flow restrictions

Rating (µm) Nominal (Absolute)	Mesh Count (per inch)	Per Cent Open Area
2 (9)	325 x 2300	N/A
5 (14)	200 x 1400	N/A
10 (18)	165 x 1400	N/A
20 (32)	200 x 600	N/A
40 (55)	120 x 400	N/A
75	190 x 200	35
100	30 x 150	31
150	90 x 100	33
190	70 x 80	35
230	50 x 60	41
280	40 x 50	35
370	40 x 40	36
540	30 x 30	45
840	20 x 20	52

Ratings from 2 - 40 micron are twill dutch weave pattern
Ratings from 75 - 840 micron are open square weave pattern

Ordering Information:



* - Trademark of E.I. duPont de Nemours & Co.



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Map and Directions to Prosep Filters Limited



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)