

### Pleated Stainless Steel Elements

Stainless steel pleated filter elements are made up of 316L components filtration mesh, end caps and support core, with various o-ring seals. These cartridges are designed to be installed into our standard SS series filter housings giving increased flexibility when specifying for liquid and gas applications.

The pleated mesh gives much larger surface area and allows for increased flow rates, lower pressure drops, or extended service intervals.

The PCS series are available in a range of standard diameters, lengths and grades. These are based on traditional industry standard sizes and allow the elements to be installed in other proprietary equipment. Custom sizes are readily available.



#### Standard Sizes

25.64.□    25.178.□    38.152.□    38.178.□    51.230.□

Replace the □ in the part numbers with the grade selected from the tables below.

#### Standard Grades

Seals	Max. T.	5µm	10µm	20µm	40µm	100µm
Viton	200°C	PCS5V	PCS10V	PCS20V	PCS40V	PCS100V
Nitrile	110°C	PCS5N	PCS10N	PCS20N	PCS40N	PCS100N
EPDM	150°C	PCS5E	PCS10E	PCS20E	PCS40E	PCS100E

#### Efficiency Ratings

Grade	Nominal (+98%)	Absolute (100%)
S5	5µm	10µm
S10	10µm	20µm
S20	20µm	35µm
S40	40µm	75µm
S100	100µm	150µm

### Special Applications

Need an unconventional or bespoke filter element and housing?

**No problem.**

Our skilled designers and engineers will work alongside you to build a custom-made solution that suits your particular filtration requirements and specifications. Get in touch today for a no obligation consultation on how we can meet your needs.

**Special Materials** With a plethora of materials, from the most exotic metals through to standard 316L stainless steel and aluminium, we can design and manufacture the most suitable filter housings and elements to suit you and your company's needs.

**Special Ports** Threaded ports and flange connections can be manufactured to specification, ensuring you receive a filter that fits seamlessly with your existing equipment.



## Contact Us

Classic Filters Ltd.  
Sextant Park  
Neptune Close  
Rochester  
Kent  
England  
ME2 4LU

T +44 (0)1634 724224  
F +44 (0)1634 724234  
E [info@classicfilters.com](mailto:info@classicfilters.com)  
W [www.classicfilters.com](http://www.classicfilters.com)

## Follow Us



<http://www.linkedin.com/company/classic-filters-ltd.>



<http://www.twitter.com/classicfilters>