

## Filter Elements

filter elements are manufactured from 316 stainless steel and other higher Cr/Ni alloys, in pleated or plain cylinder form, providing a high surface area to give good flow efficiency and dirt-holding capacity.

### Features and Benefits

- Cleanable 316 stainless steel filter cartridge.
- High surface area from pleated filtration medium.
- Robust, all-welded construction.
- High dirt holding capacity.
- Filtration ratings available from 1 to 450 micron absolute.
- High flow rate capability.
- Outer stainless steel support cage for added strength in reverse direction.
- Available in sintered fibre, mesh and powder configurations.

filter elements are also available in an industrial standard format that will fit many existing filter housings.

### Materials of Manufacture

Filter medium, protection mesh, support mesh, inner core, outer guard and end fittings, all grade 316L stainless steel. Other grades include 304L and 310 stainless steel, Hastelloy® X, Inconel® 600/601/625 and Monel®.

Assembly by TiG welding.

Available in metal fibre, woven wire mesh and sintered powder.

### Gaskets and 'O' Rings

Chemraz, EPDM, Nitrile, PTFE, Silicone, Viton, PTFE coated Viton.

Also FDA approved Viton, EPDM, Silicone or PTFE.

### Cartridge Dimensions (Nominal)

Diameter:	66mm (2.6")
Length:	05 125mm (5")
	10 250mm (10")
	20 498mm (20")
	30 745mm (30")
	40 1012mm (40")

### End Fittings Available

Double ended ended, 222 (Single plug-in 'O' ring seal), 226 (twin plug-in 'O' ring seal) and threaded.

### Operating Temperature

Maximum continuous 300°C (572°F).

Higher temperatures are available on application.

### Effective Filtration Area

(Each 250mm module)

Plain cylindrical: 0.050m<sup>2</sup> (0.55ft<sup>2</sup>)

Pleated: 0.13m<sup>2</sup> (1.4ft<sup>2</sup>)

### Maximum Differential Pressure

Out to in (forward), all lengths: 10bar

In to out (reverse), all lengths: 2bar





## Strength

- We export to almost 100 countries.
- We have more than 2000 global customers.
- We can provide a total filtration solution.

- Filter-Online & Nordic Filtration offers a wide selection of filtration products for Domestic and Industrial Application.

- You can buy our products on our websites or by contacting us by phone or e-mail. Information about our products as well as brochures and manuals can be found on our websites:

[www.filter-online.com](http://www.filter-online.com) for Domestic Products

[nordicfiltration.com](http://nordicfiltration.com) for Industrial Products

We distribute many of our products from our stock in Denmark. Some products are shipped from remote stock.



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