

Increasingly sophisticated industrial processes and more demanding standards call for high levels of purity in fluids and gases that are an ingredient in the process. Extreme care and caution needs to be exercised on the filter element, filter housing, 'o'ring, gaskets, with respect to materials of construction, pressure drops, compatibility to fluid in service, etc.

Be it manufacture of antibiotics, aseptic food packaging, handling intermediates in bulk drug

manufacturing, fermentation in breweries, milk agitation in dairies, filtration of chemicals used in adhesive manufacturing, or filtration of by-products from fertilizer manufacturing, only the right choice in the selection of the Filter Cartridge with the appropriate Filter Housing will meet the stringent and demanding requirements of the application.

ultrafilter india pvt ltd. has always been at the forefront with its comprehensive product range, its expertise to offer solutions and systems for process filtration that are designed to help you reach the required levels of purity your process demands.

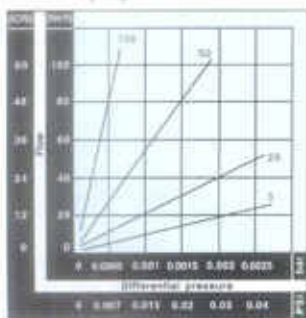
Sintered SS Mesh

Designed for use in applications with high concentration, this element is effective in filtering gases, air, water solutions and fluids. Welded wire-construction enables this element to withstand high differential pressures as well as handle viscous liquids. It successfully performs in applications involving high and low temperatures. It offers high economy as the medium is a regenerable stainless steel mesh.

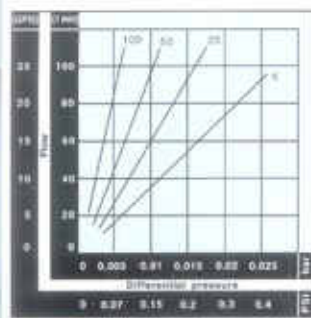


- Available in 5, 25, 50, 100 and 250 microns.

Medium : AIR,
P=1 bar (abs), T=20°C



Medium : Distilled Water,
T=20°C



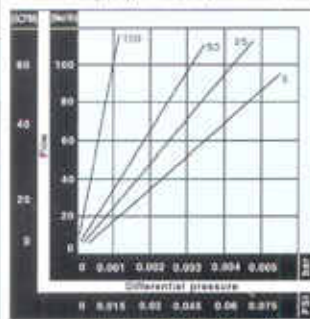
Pleated Sintered SS Mesh

The welded wire construction of this element and the optimum number of pleats, offer high economy and reliability. It can be used for gases and liquids and works efficiently under low and high temperature ranges. Offers long life between insertion and removal due to high filtration surface area.

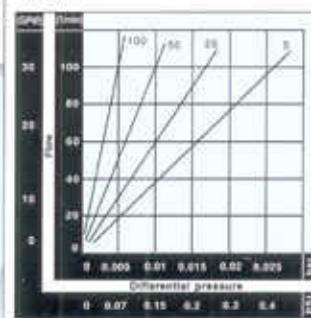


- Available in 5, 25, 50, and 100 microns.

Medium : AIR,
P=1 bar (abs), T=20°C, rF=70°C



Medium : Distilled Water,
T=20°C



Notes : The Curves show flow of a 10" long filter element. For viscosities other than water (1 cp), multiply flow by the centipoise value. This is applicable for all filter elements.

Some typical applications : Chemicals, Pharmaceuticals, Breweries, Beverages, Paints & Lacquers, Steel plants, General engineering.

Pleated Poly Propylene 95% efficiency - PPTF

The special design of this element offers a superior alternative to string wound cartridges. The pleated star shape of the element provides higher filter surface area, that gives defined results with higher economy. The element offers excellent resistance to chemicals too and comes in 7 pore sizes.

- Available in 1, 3, 5, 10, 15, 25 & 50 microns.



Pleated Poly Propylene 99% & 100% efficiency

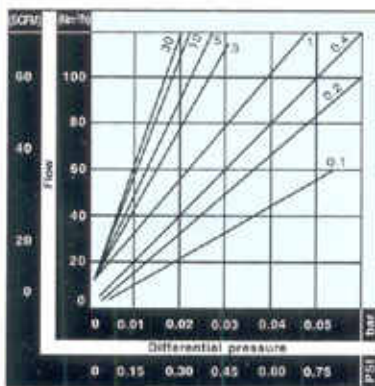
The 100% polypropylene construction of this element gives it the property of inertness and high chemical resistance. As the medium has no binders and offers 100% retention, this filter element finds use in a host of applications in different industries:

- Micron rating - P-PP 0.1, 0.2, 0.4, 1.0, 3.0, 5, 10, 30.
- Micron rating - P-PP/ 100, 0.45, 0.5, 0.8, 1.2, 2.4, 5, 7, 10, 20, 30 & 40

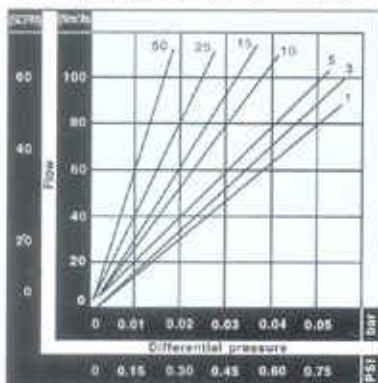


For P-PP

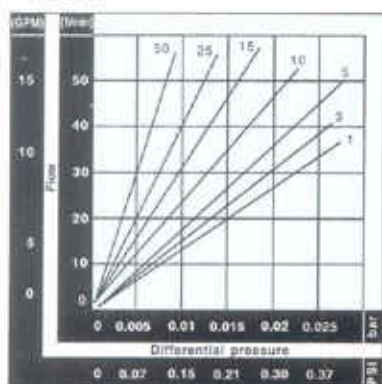
Medium : AIR,
P=1 bar (abs), T=20°C, rF=70° C



Medium : AIR,
P=1 bar (abs), T=20°C, rF=70° C

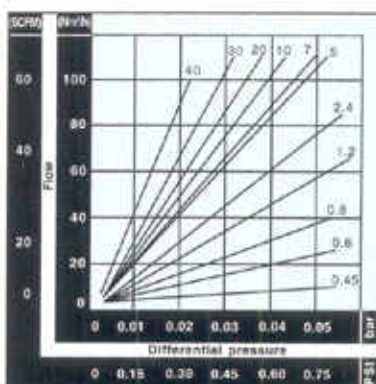


Medium : Distilled Water,
T=20°C

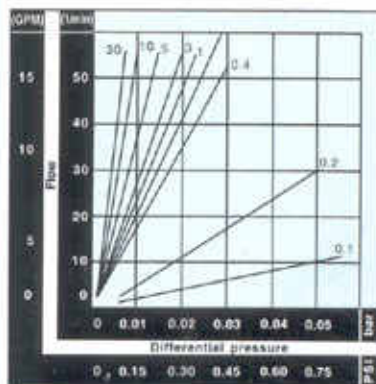


For P-PP-100

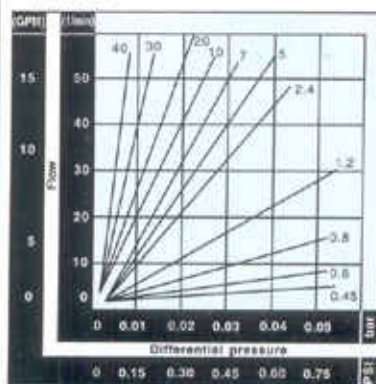
Medium : AIR,
P=1 bar (abs), T=20°C, rF=70° C



Medium : Distilled Water,
T=20°C



Medium : Distilled Water,
T=20°C



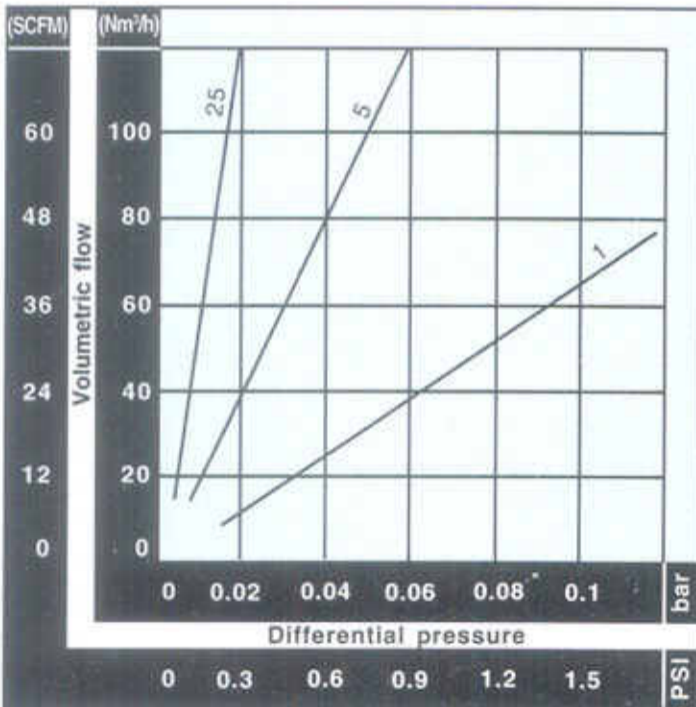
Sintered Stainless Steel

Made from sintered stainless steel this element is meant for use in applications where corrosive gases and steam place heavy demands. While being highly porous, the medium safely screens out solids and offers good resistance to chemicals. High contaminant precipitation, rates of flow and the regenerative capacity make it extremely economical to use. Also can be used for natural gas service.

- Available in 1, 5 and 25 microns.



Medium : AIR,
 P=1 bar (abs), T=20°C, R.H=70%



Medium : Saturated Steam
 T=121°C

