

**Specification Sheet****CAPSULE FILTER**

SS Filters have developed capsule filters in various sizes and filter media. They are ideal for filtration of small volume of gases & liquids. These filters are self contained, ready to use, disposable filtration devices inside a polypropylene housing. Each capsule filter consists of a pleated filter element integrally sealed into a rugged polypropylene housing. A completely self-contained unit is formed by a state-of-the-art thermal bonding process, ensuring well tested filter integrity and performance. Apart from various configurations available for inlet/ outlet, the unit also has venting & draining ports.

FEATURES & BENEFITS:

- Economical for filtration of small volumes of fluids, requires no housing
- The filter material can be PP, PTFE, PES, Nylon
- Minimal holdup volume
- Compatible with most chemical fluids & gases

PRODUCT SPECIFICATION

Filter media	PP, PTFE, PES, NN
Pore size	PP media: 10, 5, 1, 0.45, 0.2 Microns PTFE, PES, NN: 1, 0.45, 0.22 Microns
Max Operating Pressure	5.5 bar
Max. Operating Temp	50°C
Sealing	Thermally sealed

CONSTRUCTION:

Filter media: PP/ PTFE/ PES/ NN
Support media: Polypropylene
MOC of capsule filter: Polypropylene

CONFIGURATION:

Dimensions & connection styles: Given in drawing

APPLICATIONS:

Pharmaceutical industry

Ink & varnish

Food & Beverage industry

Chemical Industry

Electronics: wet chemical solvents, coatings

Cosmetics

Acids, bases and solvents

Point of use sterile filtration