



## Specification Sheet

### SS FILTER HOLDERS IN DIFFERENT SIZES – 293, 142, 90, & 47mm



SS Filters stainless steel pressure type filter holders can be used for ultra cleaning or sterilizing liquids & gases. They have been designed to maximize flow rates and to minimize holder resistance. The flow rates are maximized by applying positive pressure to the fluid over a broad membrane surface. The filter holders are autoclavable. They can be used in either batch or continuous filtration procedures. All holders vent to release pressure.

They have silicon gaskets or silicon O-ring and stainless-steel support screens to prevent membrane from sticking.

SS filter holders comes in different sizes of 47, 90, 142 & 293mm. Suitable filter media of different porosities can be used accordingly.

#### **FEATURES AND BENEFITS:**

- Higher differential pressures are possible, resulting in higher flow rates. The pressure differential across the membrane is not limited to atmospheric pressure (<14.7psi)
- Unintentional contamination downstream of the membrane is minimized.
- Denaturation of proteins and other biological polymers due to foaming downstream of the membrane is avoided.
- Vapor accumulation and possible explosion can be avoided using an inert gas to pressurize solvents and combustible or flammable liquids.

**PRDODUCT SPECIFICATIONS:**

<b>Model</b>	<b>Type Stainless Steel</b>	<b>Filtration area cm2</b>	<b>Connections</b>
SSPFH47	SS 304/ 316	13.5 cm2	Inlet ¼” BSP Outlet ¼” BSP
SSPFH90	SS 304/ 316	55 cm2	Inlet ¼” BSP Outlet ¼” BSP
SSPFH142	SS 304/ 316	145 cm2	Inlet ¼” BSP Outlet ¼” BSP
SSPFH293	SS 304/ 316	650 cm2	Inlet ¼” BSP Outlet ¼” BSP

**APPLICATIONS:**

Enzymes, Proteins, biological media, pharmaceuticals, cosmetics, ultrapure water, serum, gases etc.