

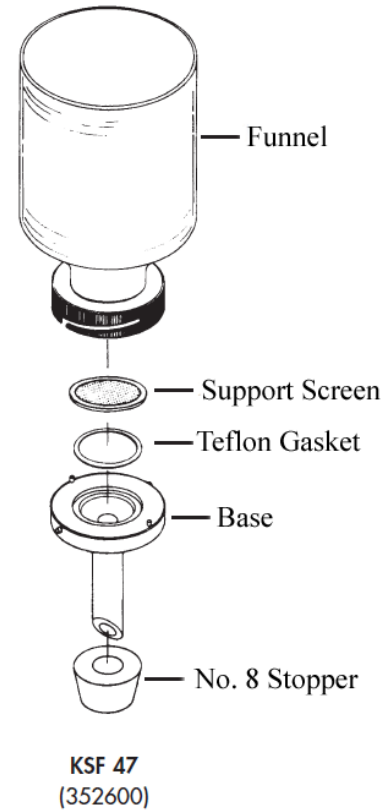
## Stainless Steel Filter Holders

Vacuum filtration holders made from nonbreakable stainless steel are ideal for applications where durable and sterilizable equipment is required.

This stainless steel unit may be flame sterilized to sanitize the holder between samplings. The Set pins and locking nut on the funnel help prevent twisting and tearing of the membrane. This holder has the added benefit of being autoclavable with a membrane in place.

### SPECIFICATIONS

<b>KSF 47</b>	<b>352600</b>
Materials	Type 304 stainless steel funnel, base, and support screen
	Silicone rubber stopper
	PTFE gasket
Filter Size	47 mm
Prefilter size	35 mm
Filtration area	9.6 cm <sup>2</sup>
Connections	#8 stopper, mounts in a standard 1 L filtering flask or standard cup of any Sterlitech filtering manifold
Pressure	21 in Hg vacuum pressure recommended



### CLEANING AND MAINTENANCE

- Routinely inspect surfaces for nicks and rough edges.
- Clean all components with a standard, low-alkaline, non-abrasive detergent such as Alconox or Liquinox.
- Rinse with hot tap water followed by a final rinse with distilled or deionized water.
- Store dry.
- Avoid acids.
- To autoclave, wrap assembly in Kraft paper or other steam permeable paper. Autoclave for 15 minutes at 121°C (250°F); SLOW exhaust. Holders can be used after they have cooled and can be handled without gloves.

### ASSEMBLY AND OPERATION

1. Holding base upright and using Tweezers (Pad) Miracle Tip Ends or blunt-tipped forceps:
  - a. Place Teflon gasket on base.
  - b. Place support screen on top of gasket.
  - c. Center membrane filter on support screen.
  - d. Center prefilter (if used) on top of membrane.
2. Using set pins to center, place funnel on top of base assembly.
3. Twist locking nut to tighten.
4. Wet stopper with water to lubricate then slide stopper onto base.
5. Mount in flask or manifold.

### ORDERING GUIDE

Funnel	352601
SS support screen	311504
PTFE gasket	311505
Base	312602
#8 stopper	311404