

# POREX® Plastic Filter Housing



## Applications

- Ultra-Pure Photochemical Filtration
- Pneumatic Control Protection
- Preliminary Filter in Front of Pumps and Motors
- Rinsing Water Filters in Drink Automats
- Reverse Osmosis System Preliminary Filters
- Filters for Use in Medicine and Dentistry
- Laboratory and Analysis



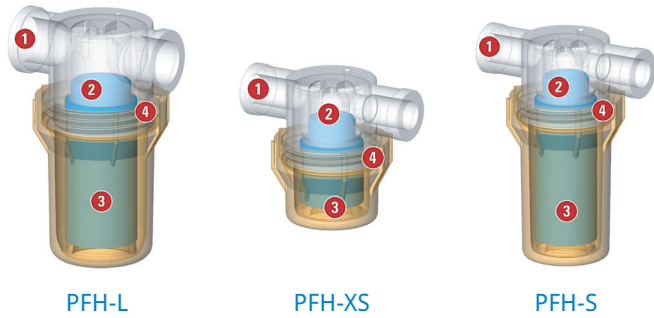
POREX Plastic Filter Housings are an economical alternative for filtering applications used in chemical, pneumatic, pharmaceutical and medical industries. Available in different porosities, POREX Plastic Filter Housings are designed to clean both gases and fluids and provide high corrosion and chemical resistance\* to meet the most challenging filtering problems. POREX Plastic Filter Housings exemplify the critical design standards and precision molding required for today's technological products.

\* Chemical compatibility data available on request.

# POREX® Plastic Filter Housing

## Models and Accessories

POREX Plastic Filter Housings are available in two design casings – a small head with a short or a long cup and a large head (dimensions shown below). Filter housings come standard in white; however, other color options are available based on quantity requirements. Alternatively cups can be offered in transparent design. Each standard polyethylene filter element is available in three different porosities. Further porosities can be produced given that a certain quantity is required.



- 1 Size of Head Connection (Material: 20% GFR Polypropylene)
- 2 Porosity of Polyethylene Units: 5µm, 35µm and 80µm  
Meshes of stainless steel units: 50µm, 100µm and 300µm  
(PP support core necessary)
- 3 Material Beakers: Polyamide (transparent); 20% TR Polypropylene (white)
- 4 Material Seal Ring: NBR (black), EPDM (white), FKM (green)

	Size	Installation Depth (mm)	Installation Width (mm)	Overall Height (mm)
PFH-L	3/8"	114	90	128
	1/2"	114	90	128
	3/4"	116	90	133
PFH-S	1/8"	84	57.5	92
	1/4"	85	74	94
	3/8"	86	74	98
	1/2"	87	74	101
PFH-XS	1/8"	47	57.5	57
	1/4"	50	74	58.5
	3/8"	52	74	63
	1/2"	53	74	67



The "Genuine Porex" label is a promise that the product has been rigorously designed and tested to meet the highest standards of performance. Only Genuine Porex products offer confidence in fit, function and performance derived from over 50 years of product development and supply experience.

If it's not Porex, it's not Genuine.

## Filter Unit Soiling

Use transparent filter cups for simple, quick inspection of the filter unit soiling. More economical polypropylene beakers are available for applications not requiring constant control.

## Changing the Filter Unit

Simply unscrew the head from the beaker and remove the filter unit. The filter unit is inserted into the head using a press fit (PE unit) or by clamping (stainless steel unit with support core). Change the seal with every filter change to ensure that the housing remains properly sealed.

Please refer to the Instruction Manual for proper assembly of the filter housing.

**POREX**  
Advanced Porous Materials

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