

P-BE stainless steel housing

Filter housing for the aeration and deaeration of sterile storage tanks or containers for transport.

Product description:

Filters for the aeration, deaeration and venting of product series P-BE are used to ensure 100% sterility in the storage of pharmaceutical products, containers of DI-water, food, chemicals, and/or the deaeration of fermenters.

The userfriendly two-piece housing has a splash protection to prevent liquids coming in contact with the filter medium and damage it.

Numerous sizes of housings allow to adopt the filter exactly to the requirements needed. In this product series 12 different housing sizes are available for volume flows of 4,5 to 2.010 m³/h at 1 bar (2,6 to 1.180 cfm at 14,7 psi).

Due to the ultrafilter modular design different filter elements can be used in this housing according to the application. Apart from sterile depth filters there is a choice

between hydrophobic polypropylene or Teflon* membrane filters with a retention rate down to 0.01 µm.

MATERIALS	
Filter housings:	stainless steel 1.4301 (304) optional 1.4404 (316L)

MAXIMUM OPERATING TEMPERATURE	
200°C (390°F)	

SURFACE FINISH	
Polished on the inside and on the outside	

CONNECTION TYPES	
Milkpipe DIN 11 851 (standard at 0006-0192)	
DIN or ANSI flange (standard from 0432; optional up to 0192)	
Clamp (on request)	

Teflon* is a registered trademark of DuPont

P-BE vent filter for storage and holding tanks



P-KG Plastic housing

Filter housing made of talc strengthened polypropylene for the filtration of liquid media.

Product description:

The ultrafilter plastic housing P-KG is a particularly economic solution for the filtration of liquid media.

The filter distinguishes itself by a robust construction that is insusceptible to shock. The thread connections (BSP) are conic and self-sealing.

Applications:

Because of the good chemical resistance of the filter housing it can be used in the following applications:

- Photo industry
- Galvanics
- Food and beverage industry
- Chemical industry
- Electronic industry
- Water filtration

MATERIALS	
Filter housings:	talc-strengthened polypropylene
Housing gasket:	Buna N (other gaskets on request)

MAXIMUM OPERATING TEMPERATURE	
7 bar at 65 °C (102 psi at 150 °F)	

ADAPTERS	
The P-KG housings can only be used with filter elements with DOE (double open end) connections.	

CONNECTION TYPES	
Milkpipe DIN 11 851 (standard at 0006-0192)	
DIN or ANSI flange (standard from 0432; optional up to 0192)	
Clamp (on request)	

Plastic housing P-KG for liquid media



TYPE P-KG	MAXIMUM FLOW RATE	ELEMENT LENGTH	DIMENSIONS			WEIGHT
			HEIGHT	LOCATING DISTANCE	CONNECT.	
0072	38 l/min	254mm	315mm	135mm	3/4" G	2.4kg
	10 GPM	10"	12 3/8"	5 3/16"		5 lb. 5 oz.
0144	76 l/min	508mm	570mm	135mm	1" G	4.2kg
	10 GPM	20"	22 7/16"	5 3/16"		9 lb. 4 oz.