



PENTAIR HOUSINGS

A BROAD RANGE OF SUPERIOR
HOUSINGS FROM THE LEADER
IN WATER FILTRATION

The complete range of Pentair housings

Pentair housings are known for their high quality and reliability. They represent the industry-standard filter and bag housings of today and are the foundation for the filtration products that Pentair offers.

Pentair stainless steel housings allow professionals to service sensitive industrial applications with peace of mind.

Polypropylene housings

Pure Polypropylene housings

Nylon housings

Slim Line housings

Standard housings

Big blue housings

All natural housings

High temperature housings



Slim Line housings
product page



Standard housings
product page



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Benefits	Slim design allows to reduce the space for narrow installations without sacrificing capacity	Ideal for a wide range of applications including residential, commercial and industrial	Large capacity housings suitable for high flow and heavy sediment applications. It allows greater cartridge capacity and reduces the number of vessels required	The pure polypropylene composition maintains high standards of purity and performance required in critical contamination control systems and processes. These housings can also be used for a variety of other applications where purity, quality, filtration and economy are required	Ideal for a wide range of industrial applications including those involving organic solvents, sea water, alcohol, petroleum and vegetable oils thanks to the ability of these housings to withstand temperatures up to 73°C
Length(s)	5, 10, 20"	10, 20"	10, 20"	12, 20"	10"
Inlet/outlet ports	1/4, 3/8, 1/2" BSP	3/4" BSP	1, 1-1/2" BSP	3/4" BSP	3/4, 1/2" NPT
Material used (Head/Sump)*	Black/blue (PP), Blue (PP)/clear (SAN)	Black/blue (PP), Blue (PP)/clear (SAN)	Black/Blue (PP)	White pure PP	Glass reinforced Nylon (black or red)
Pressure relief	Available	Available	Available	Not available	Not available
Certifications	ACS for some references and NSF/ANSI Standard 42	ACS for some references and NSF/ANSI Standard 42	ACS for some references and NSF/ANSI Standard 42	Not available	Not available

ACCESSORIES



Mounting Brackets

Available for each type of housings, constructed of zinc-plated steel or aluminium, they include brackets and screws and allow a quick and simple mounting where needed for each installation.



Wrenches

Available for all types of housings and used to loosen up when changing the cartridge.

BIG BLUE BAG
VESSEL ASSEMBLIES

Ready-to-use assemblies, delivered with gauge, wrench and a 3/8" drain valve.

- Lengths: 20"
- Inlet/outlet ports: 1, 1 1/2" BSP (or NPT in some cases)
- Head/Sump: black/blue (PP)
- Pressure relief: available



*MATERIALS USED WITH OUR HOUSINGS

Nylon

A thermoplastic material which can withstand temperatures up to 73°C. It is well known for its excellent chemical compatibility as well as durability.

Polypropylene (PP)

A thermoplastic polymer used in a wide variety of applications. Main features: high chemical and corrosion resistance, light weight and rigid, easy to maintain and clean.

Santoprene (SAN)

The best example of thermoplastic rubber, able to withstand extreme cold and hot weather conditions. Recyclable, flexible and durable, its use is ideal in residential and commercial housings.



CHEMICAL COMPATIBILITY CHART

Chemical	Temp (°C) **	% Concentration **	Raw material						
			Poly-propylene TF	SAN	NYLON GF	300 SERIES STAINLESS	BUNA-N	SILICONE	VITON E-60
Acetone	51.5	100	A	D	B	A	D	B	D
Beer	51.5	Any*	A	A	D	A	D	C	A
Calcium hypochlorite	20	20	A	-	D	D	B	C	A
Detergents	51.5	2	A	A	A	-	A	-	A
Hydrochloric acid	51.5	20	A	A	D	-	C	-	A
Hydrofluoric acid	20	40	A	-	D	-	D	-	A
Hydrogen peroxide	20	30	A	-	D	-	D	-	A
Inks	51.5	-	A	B	A	A	A	-	A
Lubricating oils	51.5	100	C	A	A	A	A	C	A
Olive oil	51.5	100	A	A	A	A	A	C	A
Plating solutions	51.5	-	A*	-	A/D*	-	A*	D	A
Sodium compounds	51.5	Any*	A	A	A/C*	B	A	C	A
Sodium hypochlorite	37.5	5	A	A	A	B	A	C	A
Sulfuric acid	20	25	A	A	D	-	C	-	A
Hot water	93	100	-	-	A	A	C	A	B
DI water	51.5	100	B	A	A	-	A	A	A
Sea water	51.5	100	A	B	A	-	A	-	A
Whiskey/wines	51.5	-	A	A	A	A	A	-	A

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* Consult factory for specific compound
** Testing conditions
TF = Talc filled
GF = Glass filled

A = Negligible effect
B = Limited absorption attack
C = Extensive absorption and/or rapid permeation
D = Extensive attack



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