

# PHL MULTI HOUSINGS

## Liquid filter housings

- Specifically designed for liquid filtration applications in the pharmaceutical industry.
- PED 2014/68/EU, ATEX 2014/34/EU and FDA compliance.
- Screw clamp closure system for added security.
- Electropolishing option.

### Applications

The PHL Multi housings range is specifically designed for final filtration & purification in pharmaceutical liquid applications.

Suitable for use with PED Group 1 & 2 liquids and gases.

### Availability

The PHL Multi range is available in sizes from 3 to 8 round. These housings accept Parker's full range of C-Style (226) liquid filter cartridges of nominal length 10" to 40".

### Materials

AISI 316L grade stainless steel is used for all wetted parts, assuring corrosion resistance and durability. All gasket materials meet FDA regulatory requirements and Food Grade (EC) No 1935/2004 compliance.

### Surface Finish

Internal surfaces are mechanically polished  $Ra < 0.8\mu m$ . External surfaces are mechanically mirror polished. Electropolishing and/or internal polish  $Ra < 0.4\mu m$  are available as options.

All accessible welds are fully ground.

### Connections

Sanitary T-Style design with ASME BPE clamp connections on the inlet, outlet, vent and drain. Vent port options are available including a lateral sanitary bleed valve allowing in-situ integrity testing.



## Technical Data

### Materials (wetted surfaces):

316L Stainless Steel

### Gasket Materials:

Silicone (EPDM or FEP enclosed silicone)

### Housing Closure:

Screw Clamps

### Number of Cartridges:

03, 05 and 08

### Cartridge Height:

10", 20", 30" and 40"

### Cartridge Location:

C-Style (226)

### Internal Surface:

Mechanical Polished Ra <0.8µm

(Ra <0.4µm and/or Electropolishing available upon request)

### External Surface:

Mechanical Mirror Polish

### Design Conditions:

FV to 10 Barg @ 150°C (-14 to 145 psi @ 302°F)

## Cleanability

Sanitary, crevice free design and mirror polished surfaces guarantee enhanced cleanability. This range is suitable for both SIP and CIP

## Connections

The PHL Multi housing range is available as standard with ASME BPE clamp or butt weld connections. Vent and drain ports are ASME BPE clamp. A lateral sanitary bleed valve is available as an option on the vent port.(other connection options available on request)

## Certification

Each filter housing is supplied as standard with a manufacturer's report test certificate, declaration of conformity (where applicable) and user manual.

## Standards and Directives

- PED 2014/68/EU
- ATEX 2014/34/EU

## Standard Housing - Ordering Information

Part Code	Size	Cartridge Loc.	Seal	Inlet / Outlet	Vent	Drain
PHL0317S21M8T0150	10"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0327S21M8T0150	20"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0337S21M8T0150	30"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0347S21M8T0150	40"	C-Style (226)	Silicone	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0527S21M8T0200	20"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0537S21M80200	30"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHPL0547S21M8T0200	40"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0827S21M8T0200	20"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0837S21M8T0200	30"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")
PHL0847S21M8T0200	40"	C-Style (226)	Silicone	Clamp ASME BPE (2")	Clamp ASME BPE (1.5")	Clamp ASME BPE (1.5")

Other part code variations are available. Refer to drawing:179502713

## Further Documentation

- Material Certificates 3.1 (609500552)
- Roughness Certificate 3.1 (609500345)
- Weld Procedure Book (609500339)
- Weld Qualification Book (609500340)

Available at extra cost, to be requested at time of order.

## Accessories

Part Number	Part Code	Description
639504448	XPGSS06AL08	1.5" TC Diaphragm Pressure Gauge with Sampling Port (Hosebarb) + Clamp
639504449	XPGSS06AL09	1.5" TC Diaphragm Pressure Gauge with Sampling Port (Staubli RBE03) + Clamp



Parker Hannifin Manufacturing Ltd,  
Bioscience Filtration EMEA,  
Durham Road, Birtley, Co. Durham, DH3 2SF, England

[www.parker.com/bioprocessing](http://www.parker.com/bioprocessing)

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