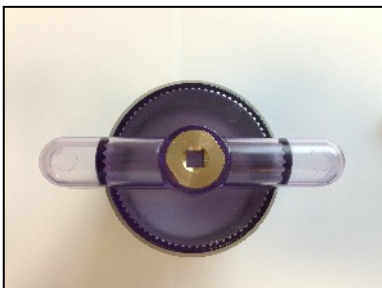


## PharmaTainer™ Closures

PharmaTainer Ported Closures are intended for assembly of filling, dispensing and sampling systems based on PharmaTainer Carboys and Bottles. Caps and ports are injection molded as a single unit from medical grade, radiation stabilized polypropylene. Parts are supplied non-sterile for irradiation or autoclaving after assembly. There are interior tubulations for each port except the vent port. We also offer customized tubing assemblies based on these closures, please inquire.

Sterile replacement closures are available to replace a dropped closure or to use after autoclaving a (polycarbonate) container.



Torque fitting for sealing by hand or with a torque wrench.

Cat. No.	Description	Qty.	Ports No. x OD / ID
4048CP2-50	48 mm cap 2-Port Cap, PP, bulk pack	50	2 x 8.3 / 6.4 mm
4048CP3-50	48 mm cap 3-Port Cap, PP, bulk pack	50	1 x 5.8 / 4.3 mm 2 x 8.3 / 6.4 mm
4070CP2-50	70 mm cap 2-Port Cap, PP, bulk pack	50	2 x 8.3 / 6.4
4070CP3-50	70 mm cap 3-Port Cap, PP, bulk pack	50	1 x 5.8 / 4.3 mm 2 x 8.3 / 6.4 mm
4070CP4-50	70 mm cap 4-Port Cap, PP, bulk pack	50	4 x 10.6 / 6.4 mm
3048-01	48 mm HDPE Cap, Sterile, 1/sleeve	300	Fits both PET and PC bottles up to 2L
3070C1-01	70 mm HDPE Cap, <b>For PET Carboys</b>	150	Sterile, 1/sleeve
3070C2-01	70 mm HDPE Cap, <b>For PC Carboys</b>	150	Sterile, 1/sleeve
2595PC48	Torque Fitting for 48mm cap, PC, 1/4" drive	1	Autoclavable
2595PC70	Torque Fitting for 70mm cap, PC, 1/4" drive	1	Autoclavable

## Filling Bell, Polycarbonate

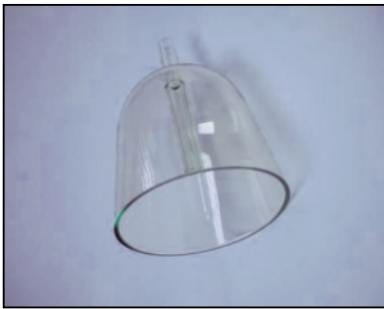
- Non-sterile for building assemblies
- Irradiate or autoclave to sterilize

The product is injection molded from the same radiation-stable medical grade polycarbonate used in PharmaTainer™ bottles and carboys. The resin meets USP Class VI Biological Reactivity, Physiochemical, Hemolysis and *In Vitro* Cytotoxicity criteria. The plastic is free of animal derived components (ADCF).

Manufacturing is in a BSEISO14644 compliant facility, ISO class 8 clean room monitored for particulate and bioburden to this standard. Processing is controlled within the quality management systems of ISO13485:2003 and ISO 9000:2000.

The filling bell is designed to enable assembly of single-use dispensing systems, but it can also be washed and re-sterilized by autoclaving. Filling bells are also available in custom tubing assemblies.

Supplied non-sterile, individually wrapped, bulk packed within a poly carton liner.



Custom Assemblies

### Dimensions

Bell ID:	81 mm
Bell Height:	63 mm
Shaft OD/ID:	10 mm/5 mm
Shaft Length:	29 mm above bell
Shaft:	approx.. 53 mm length inside bell

Description	Catalog No.	Quantity
Filling Bells	PIP530-10	10



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