



# Separating Funnel

Funnels are mostly used for transferring, adding or separating liquids

Funnels Laboratory funnels, adapted into different forms to suit numerous specialized needs, including filtration, are ubiquitous within the lab.

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## Funnel, Separatory

- Manufactured from Borosilicate 3.3 glass to meet ASTM E438 standards.
- Comes with PTFE stopcock and is supplied with either glass stopper or polypropylene (P.P.) stopper to fit a standard taper ground neck.
- Funnels are designed with a large lower stem diameter to allow more complete separation.



Catalog No.	Capacity	Stopper	Stopper Joints	Stopcock Bore	Pack Type
CS-F0471330-1	25 mL	P.P	14/23	2 mm	4
CS-F0471330A-1	25 mL	Glass	14/23	2 mm	4
CS-F0471330	30 mL	P.P	No.13	2 mm	4
CS-F0471330A	30 mL	Glass	No.13	2 mm	4
CS-F0471250A	50 mL	22	No.22	2 mm	4
CS-F0471660-1	50 mL	PP	19/22	2 mm	4
CS-F0471660A-1	50 mL	Glass	19/22	2 mm	4
CS-F0471660A	60 mL	Glass	No. 16	2 mm	4
CS-F0471660	60 mL	PP	No. 16	2 mm	4
CS-F0472100	100 mL	PP	19/22	2 mm	4
CS-F0472100A	100 mL	Glass	19/22	2 mm	4
CS-F0472125	125 mL	PP	No. 22	2 mm	4
CS-F0472125A	125 mL	Glass	No. 22	2 mm	4
CS-F0472250	250 mL	PP	No. 22	4 mm	4
CS-F0472250A	250 mL	Glass	No. 22	4 mm	4
CS-F0477500	500 mL	PP	No.27	4 mm	4
CS-F0477500A	500 mL	Glass	No.27	4 mm	4
CS-F0477000	1000 mL	PP	No.27	4 mm	4
CS-F0477000A	1000 mL	Glass	No.27	4 mm	4
CS-F0478000	2000 mL	PP	No. 38	6 mm	2
CS-F0478000A	2000 mL	Glass	No. 38	6 mm	2
CS-F0478000GL	2000 mL	PP	GL-45	6 mm	2
CS-F0479000A	5000 mL	Glass	29/42	6 mm	2

## Funnel Separatory, Amber

- Separating funnel with Teflon stopcock
- Processed to protect your light-sensitive contents
- It has different capacities 100ml, 125ml, 250ml, 500ml
- It is used in liquid-liquid extractions to separate the components of a mixture into two immiscible solvent phases of different densities.



Catalog No.	Description	Capacity	Pack Type
CS-F0474100AG	FUNNEL SEPARATOR, Amber, With 2mm Teflon® Stopcock	100 mL	Each
CS-F0474125AG	FUNNEL SEPARATOR, Amber, With 2mm Teflon® Stopcock	125 mL	Each
CS-F0474250AG	FUNNEL SEPARATOR, Amber, With 2mm Teflon® Stopcock	250 mL	Each
CS-F0474500AG	FUNNEL SEPARATOR, Amber, With 2mm Teflon® Stopcock	500 mL	Each

## Funnel Separatory - Jointed

- Manufactured from Borosilicate 3.3 glass to meet ASTM E438 standards, Class A requirements
- Squibb-type funnel that comes with Teflon® stopcock.
- The bottom tip of the funnel has a heavy-duty drip joint.
- Supplied with a glass stopper or Polypropylene (P.P.) stopper.



Catalog No.	Capacity	Stopper	Joint Size	Stopcock Bore	Pack Type
CS-F0451025	25 mL	P.P	14/20	2 mm	Each
CS-F0459025A	25 mL	Glass	19/22	2 mm	Each
CS-F0451025A	25 mL	Glass	14/20	2 mm	Each
CS-F0459025	25 mL	P.P	19/22	2 mm	Each
CS-F0451050	50 mL	P.P	14/20	2 mm	Each
CS-F0459050A	50 mL	Glass	19/22	2 mm	Each
CS-F0451050A	50 mL	Glass	14/20	2 mm	Each
CS-F0459050	50 mL	P.P	19/22	2 mm	Each
CS-F0459100	100 mL	P.P	19/22	2 mm	Each
CS-F0451125	125 mL	P.P	14/20	2 mm	Each
CS-F0459125	125 mL	P.P	19/22	2 mm	Each
CS-F0454125	125 mL	P.P	24/40	2 mm	Each
CS-F0454125A	125 mL	Glass	24/40	2 mm	Each
CS-F0451125A	125 mL	Glass	14/20	2 mm	Each
CS-F0459125A	125 mL	Glass	19/22	2 mm	Each
CS-F0451250	250 mL	P.P	14/20	4 mm	Each
CS-F0451250A	250 mL	Glass	14/20	4 mm	Each
CS-F0454250	250 mL	P.P	24/40	4 mm	Each
CS-F0454250A	250 mL	Glass	24/40	4 mm	Each
CS-F0459250	250 mL	P.P	19/22	4 mm	Each
CS-F0459250A	250 mL	Glass	19/22	4 mm	Each
CS-F0454500	500 mL	P.P	24/40	4 mm	Each
CS-F0454500A	500 mL	Glass	24/40	4 mm	Each



## Funnel, Pressure Equalizing, Teflon® Stopcock

- Funnel, pressure-equalizing with adjustable PTFE adjustable bore metering plug.
- Turning the adjustment knob allows the flow rate to be controlled from full flow to dropwise.



Catalog No.	Capacity	Joint Size	Stopcock Bore	Pack Type
CS-F0671425	25 mL	14/20	2 mm	Each
CS-F0671925	25 mL	19/22	2 mm	Each
CS-F0671960	50 mL	19/22	2 mm	Each
CS-F0671460	60 mL	14/20	2 mm	Each
CS-F0672460	60 mL	24/40	2 mm	Each
CS-F0671125	125 mL	14/20	2 mm	Each
CS-F0674125	125 mL	24/40	2 mm	Each
CS-F0674250	250 mL	24/40	2 mm	Each
CS-F0674500	500 mL	24/40	4 mm	Each
CS-F067241L	1000 mL	24/40	4 mm	Each

## Funnel, Pressure Equalizing, High vacuum Valve

- With Teflon® extended tip valve for semi-needle valve adjustment.
- With a pressure-equalizing arm and high vacuum valve
- Top outer and lower inner standard taper joint of same size



Catalog No.	Capacity	Joint Size	Pack Type
CS-F0641425	25 mL	14/20	4
CS-F0641460	50 mL	14/20	4
CS-F0641960	50 mL	19/22	4
CS-F0642460	50 mL	24/40	4
CS-F0641125	125 mL	14/20	4
CS-F0644125	125 mL	24/40	4
CS-F0649125	125 mL	19/22	4
CS-F0644250	250 mL.	24/40	4

## Funnel, Pressure Equalizing

- Fully control flow rate with the Teflon adjustable bore meeting plug
- The adjustment knob can be turned from full flow to dropwise
- Prevents sudden overflow or non-flow during reagent addition



Catalog No.	Capacity	Joint Size	Stopcock Bore	Pack Type
CS-F0621410	10 ML	14/20	2 mm	4
CS-F0621425	25 ML	14/20	2 mm	4
CS-F0621925	25 ML	19/22	2 mm	4
CS-F0622425	25 ML	24/40	2 mm	4
CS-F062145A	50 ML	14/22	2 mm	4
CS-F0621950	50 ML	19/22	2 mm	4
CS-F0622450	50 ML	24/40	2 mm	4
CS-F0621460	60 ML	14/20	2 mm	4
CS-F0621125	125 ML	14/20	2 mm	4
CS-F0624125	125 ML	24/40	2 mm	4
CS-F0629125	125 ML	19/22	2 mm	4
CS-F0624250	250 ML	24/40	2 mm	4
CS-F0629250	250 ML	19/22	2 mm	4
CS-F0624500	500 ML	24/40	4 mm	4
CS-F062241L	1000 ML	24/40	4 mm	4

## Funnel, Pressure Equalizing, Pear shaped

A pressure equalizing funnel (Pear shape) is a type of laboratory glassware used for easy layer separation while transferring the solution, Pressure equalizing funnel is fitted with a PTFE stopcock, which allows the transfer to be controlled. It's useful for adding reagents slowly, i.e. drop-wise.



Catalog No.	Description	Capacity	Joint Size	Pack Type
171.202.04	Pressure Equalizing, 250ml	250 ML	24/29	Each

# Dropping

With the incorporated stopcock, the dropping funnels or addition funnels manage the slow content transfer. Stoppers isolate and protect critical fluids by disconnecting the funnel and pressure-equalizing the arm. The laboratory glassware is typically cylindrical and comes with or without calibrated graduations for visible measuring during reagent addition. The ground outside joints allow the vessel to fit snugly into the reaction flask, and the protected drip stems will not extend beyond the usual taper joint. A glass tube connects the ground glass joint from the bulb of the funnel to the ground glass joint on pressure-equalizing versions. Dropping funnels come in a variety of capacities.

## Funnel, Separatory, PTFE Stopcock, Cylindrical Shaped



Catalog No.	Capacity	Joint Size	Stopcock Bore	Pack Type
CS-FC475014	50 ML	14/20	2 mm	Each
CS-FC471019	100 ML	19/22	2 mm	Each
CS-FC471024	100 ML	24/40	2 mm	Each
CS-FC472540	250 ML	24/40	2 mm	Each
CS-FC475024	500 ML	24/40	4 mm	Each

## Cylindrical Funnel, Separatory, Graduated

- > The cylindrical shaped separatory funnel, graduated with a double scale of numbers.
- > One up from the stopcock and one down from the capacity line
- > Supplied complete with listed size stopper.



Catalog No.	Capacity	Joint Size	Stopcock Bore	Pack Type
CS-FC452514	25 ML	14/23	2 mm	Each
CS-FC456016	50 ML	19/26	2 mm	Each
CS-FC451222	100 ML	19/26	2 mm	Each
CS-FC452522	250 ML	29/32	2 mm	Each
CS-FC455027	500 ML	29/32	4 mm	Each
CS-FC451027	1000 ML	29/32	4 mm	Each