

Filter Units with Bottletop Filters with PES Membrane, Thermo Scientific Nalgene, IDL



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Rapid-Flow filter funnels and bottletop filters with PES membrane

0.1 µm, 0.2 µm and 0.45 µm pore size, gamma sterilized disposable filter, polystyrene housing, non-cytotoxic, non-pyrogenic. Compared to cellulose nitrate, cellulose acetate and nylon membranes, this hydrophilic membrane has very low extractable levels, high flow rates with aqueous solutions and low protein binding. Thermo Scientific offers this system as a complete filter system and as bottle-top filter, fits all 33-mm-Ø and 45-mm-Ø standard bottles with threads. 0.1 µm and 0.2 µm units have an asymmetric (V-shaped) pore structure, now also equipped with an improved RapidFlow membrane support structure for increasing the flow. This results in higher flow rates and improved service life compared to standard PES membranes. 0.1 µm pore size for reduction of mycoplasma. All filter units are individually packaged in sterile packs. Batch number, pore size, and membrane type for easier identification are printed on the filter part, and for filter systems additionally on the filtrate bottle.

Bottletop filters with PES membrane

Top part with filter, individually packed in a sterile way. Batch number, pore size durability and membrane type are printed on for easier identification. Suitable for the common bottles with 33-mm Ø and 45-mm Ø diameter. Otherwise same as above.

Volume ml	Thread mm	Pore size µm	Membrane Ø mm	Order No.	PU pc/Pack
150	33	0.2	50	26 87 59633	12
150	33	0.45	50	26 87 96334	12
150	45	0.2	50	26 87 59645	12
150	45	0.45	50	26 87 96454	12
500	33	0.2	75	26 87 59533	12
500	33	0.45	75	26 87 95334	12
500	45	0.2	75	26 87 59545	12
500	45	0.45	75	26 87 95454	12
1000	33	0.2	90	26 87 59733	12
1000	45	0.2	90	26 87 59745	12

❗ Available only in original packaging units. No fractions possible.

Filter funnels with PES membrane

Complete filtering system consisting of a top part with filter and filtrate bottle, individually packed in a sterile way. Batch number, pore size, durability and membrane type are printed on the upper filter unit and filtrate bottle for easier identification.

New unit with 50 ml volume, for direct filtration in a conical centrifugal tube. Otherwise same as above.

Volume top part ml	Volume filtrate bottle ml	Pore size µm	Membrane Ø mm	Order No.	PU pc/Pack
150	50	0.1	50	10 87 56510	12
150 ¹⁾	50	0.2	50	10 87 56420	12
115	115	0.2	50	26 87 52420	72
115	115	0.45	50	26 87 12445	12
150	150	0.2	50	26 87 56520	12
150	150	0.45	50	26 87 16545	12
250	250	0.1	50	10 87 56810	12
250	250	0.2	50	26 87 56820	12
250	250	0.45	50	26 87 16845	12
500	500	0.1	75	10 87 56610	12
500	500	0.2	75	26 87 56620	12
500	500	0.45	75	26 87 16645	12
500	500	0.2	90	26 87 56920	12
500	500	0.45	90	26 87 16945	12
1000	1000	0.1	90	10 87 56710	12
1000	1000	0.2	90	26 87 56720	12
1000	1000	0.45	90	26 87 16745	12

❗ Available only in original packaging units. No fractions possible.

¹⁾ 50 ml cone-shaped centrifuge tube as collection vessel

