

Bottle-top Filters - ZapCap™



GVS Bottle-top Filters is ideal solution for the filtration of cell culture media and HPLC media solution. ZapCap is a complete 500 mL filtration unit to connect with receiver bottles. ZapCap are equipped with side tubing nozzle (bottle-top). This ready to use filter is available with prefilter too. The connection seals fit on any standard bottle 33 to 45 mm and the membrane diameter is 76 mm with an effective area of filtration of 39.2 cm². Can be used up to 50°C.

ZapCap™ Selection Guide

ZapCap-S with included package of 12 glass fiber prefilter for high flow rates

ZapCap-S Plus with a glass fiber prefilter for very high flow rates already inserted into the housing.

ZapCap-CR, the chemical-resistant bottle-top filter

Typical Applications

ZapCap-S - Filtration of cell culture media

Cellulose acetate membrane filters (CA) with extremely low protein binding for cell culture media and other aqueous solutions. Sterile filtration of solutions that cannot be autoclaved

ZapCap-S Plus - Sterile filtration and clarification of difficult-to-filter aqueous solutions

ZapCap-CR - Filtration of HPLC solutions

Polyamide Nylon 66 membrane filters (NY) for the retention of particles $\geq 0.2 \mu\text{m}$ in HPLC/FPLC solutions when the column packing is $\leq 10 \mu\text{m}$

PTFE membrane filters for the retention of particles $\geq 0.45 \mu\text{m}$ in organic solutions; strong acids or aldehydes

Ordering information

Membrane Material	Pore Size (μm)	Housing Material	Description	Quantity	Product Code
Cellulose Acetate	0.2	Polystyrene	ZapCap-S / Sterile	12/pk	10443401
Cellulose Acetate	0.45	Polystyrene	ZapCap-S / Sterile	12/pk	10443411
Cellulose Acetate with glass fiber prefilter	0.2	Polystyrene	ZapCap-S PLUS / Sterile	12/pk	10443430
Cellulose Acetate with glass fiber prefilter	0.45	Polystyrene	ZapCap-S PLUS / Sterile	12/pk	10443435
Nylon 66	0.2	Polypropylene	ZapCap-CR / Non Sterile	12/pk	10443421
Nylon 66	0.45	Polypropylene	ZapCap-CR / Non Sterile	12/pk	10443423
PTFE	0.45	Polypropylene	ZapCap-CR / Non Sterile	12/pk	10443425