



Certificate of Conformity

VWR VACUUM DRIVEN FILTERS, STERILIZED

VWR International certifies that the products comply in every respect with the relevant particular specifications and/or drawings and/or relevant standards and regulations in force, mentioned in this document.

VWR International certifie que les produits sont conformes à tous égards aux spécifications particulières appropriées et / ou dessins, normes et règlements en vigueur, mentionnées dans le présent document

VWR International bestätigt, dass das Produkte allen zutreffenden Spezifikations- und/oder Zeichnungs- und/oder Standardanforderungen sowie den im Dokument aufgeführten gültigen Vorschriften entspricht.

Cat. No.	Description	Pore Size (µm)	Capacity (ml)	Membrane diameter (mm)	Qty.per bag/ Case
514-1040	FILTER UNIT, 150ML, PVDF, 0.1µM, ST	0.1	150	Ø50	1/12
514-1041	FILTER UNIT, 150ML, PVDF, 0.22µM, ST	0.22	150	Ø50	1/12
514-1042	FILTER UNIT, 150ML, PVDF, 0.45µM, ST	0.45	150	Ø50	1/12
514-1012	FILTER UPPER CUP, 150ML, PVDF, 0.1µM, ST	0.1	150	Ø50	1/24
514-1013	FILTER UPPER CUP, 150ML, PVDF, 0.22µM, ST	0.22	150	Ø50	1/24
514-1014	FILTER UPPER CUP, 150ML, PVDF, 0.45µM, ST	0.45	150	Ø50	1/24
514-1043	FILTER UNIT, 250ML, PVDF, 0.1µM, ST	0.1	250	Ø50	1/12
514-1044	FILTER UNIT, 250ML, PVDF, 0.22µM, ST	0.22	250	Ø50	1/12
514-1045	FILTER UNIT, 250ML, PVDF, 0.45µM, ST	0.45	250	Ø50	1/12
514-1015	FILTER UPPER CUP, 250ML, PVDF, 0.1µM, ST	0.1	250	Ø50	1/24
514-1016	FILTER UPPER CUP, 250ML, PVDF, 0.22µM, ST	0.22	250	Ø50	1/24
514-1017	FILTER UPPER CUP, 250ML, PVDF, 0.45µM, ST	0.45	250	Ø50	1/24
514-1046	FILTER UNIT, 500ML, PVDF, 0.1µM, ST	0.1	500	Ø75	1/12
514-1047	FILTER UNIT, 500ML, PVDF, 0.22µM, ST	0.22	500	Ø75	1/12
514-1048	FILTER UNIT, 500ML, PVDF, 0.45µM, ST	0.45	500	Ø75	1/12
514-1018	FILTER UPPER CUP, 500ML, PVDF, 0.1µM, ST	0.1	500	Ø75	1/24
514-1019	FILTER UPPER CUP, 500ML, PVDF, 0.22µM, ST	0.22	500	Ø75	1/24
514-1020	FILTER UPPER CUP, 500ML, PVDF, 0.45µM, ST	0.45	500	Ø75	1/24
514-1049	FILTER UNIT, 1000ML, PVDF, 0.1µM, ST	0.1	1000	Ø91	1/12
514-1050	FILTER UNIT, 1000ML, PVDF, 0.22µM, ST	0.22	1000	Ø91	1/12
514-1051	FILTER UNIT, 1000ML, PVDF, 0.45µM, ST	0.45	1000	Ø91	1/12
514-1021	FILTER UPPER CUP, 1000ML, PVDF, 0.1µM, ST	0.1	1000	Ø91	1/24
514-1022	FILTER UPPER CUP, 1000ML, PVDF, 0.22µM, ST	0.22	1000	Ø91	1/24
514-1023	FILTER UPPER CUP, 1000ML, PVDF, 0.45µM, ST	0.45	1000	Ø91	1/24



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Membrane	Pore Size (µm)	Average water flow rate (mL/min/cm ² @0.7bar,10psi)	Average water bubble point (psi)
PVDF	0.1	≤2.5	80.0
PVDF	0.22	7.2	56.0
PVDF	0.45	29.0	25.0

Purpose: With the lowest protein binding Hydrophilic PVDF membrane for the vacuum Filtration & sterilization of tissue culture media, protein & DNA solutions & virus suspensions.

Materials:

Housing : Lid, Cup,Bottle (GPPS/General Polystyrene); Cap (HDPE/High-density Polyethylene);
Tip (PP/Polypropylene); Connect (ABS/Acrylonitrile-Butadiene-Styrene)

Membrane: PVDF (Polyvinylidene Fluoride)

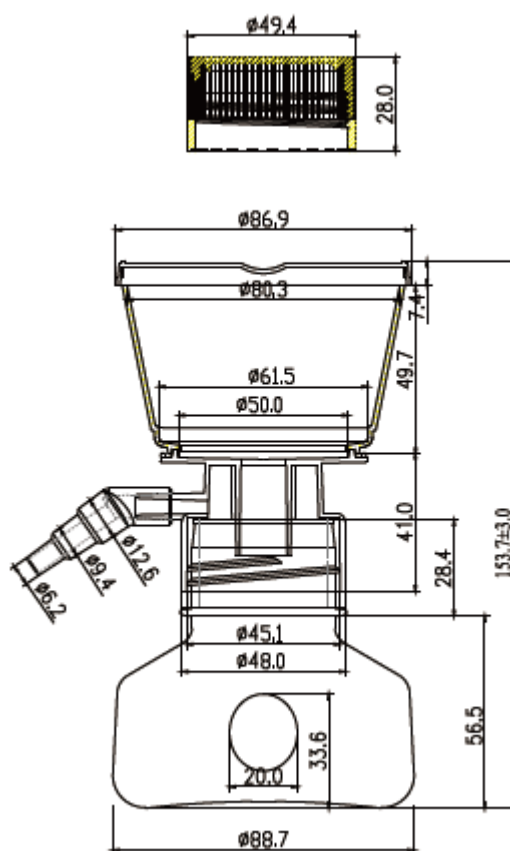
Other Characteristics:

- Single wrapped, sterile
- Three membrane pore sizes: .01, 0.22 and 0.45µm
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw
- Wide and easy access bottle mouth to efficiently and stably pour out
- Engraved graduation ensure veracity
- Hose connector can fit multiple hose diameters
- Non-pyrogenic
- Temperature range: -20°C to +50C°
- Hold-up Volume after purge: ≤3ml
- Autoclavability: No



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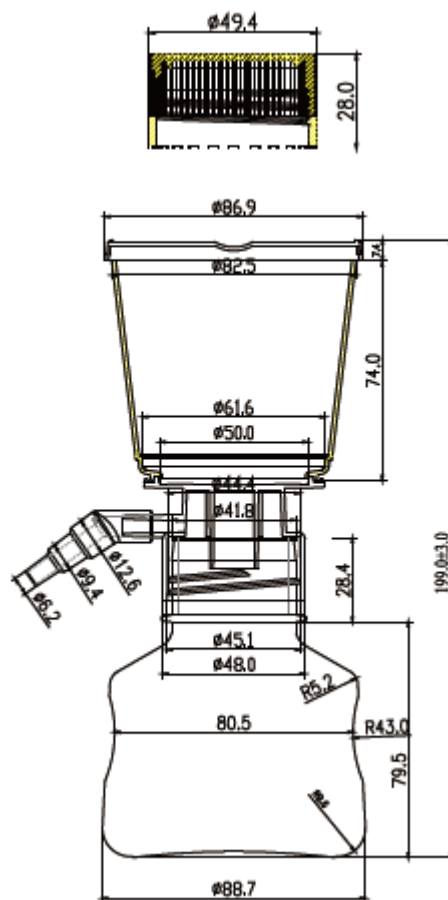
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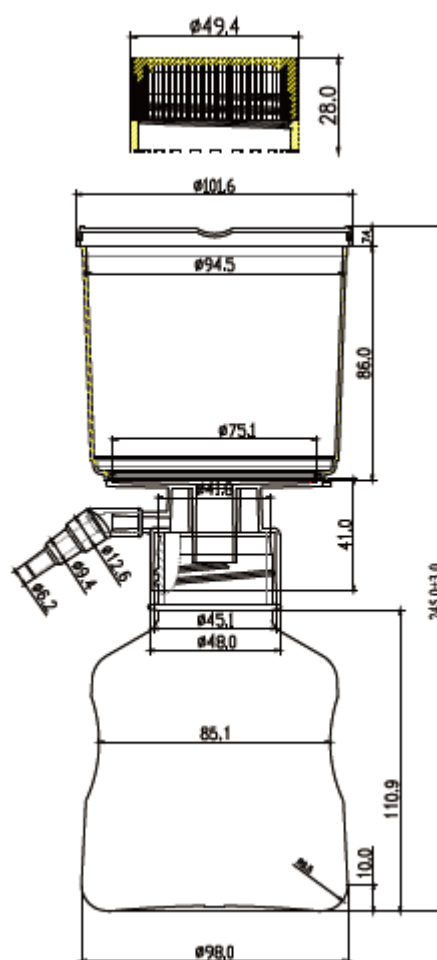
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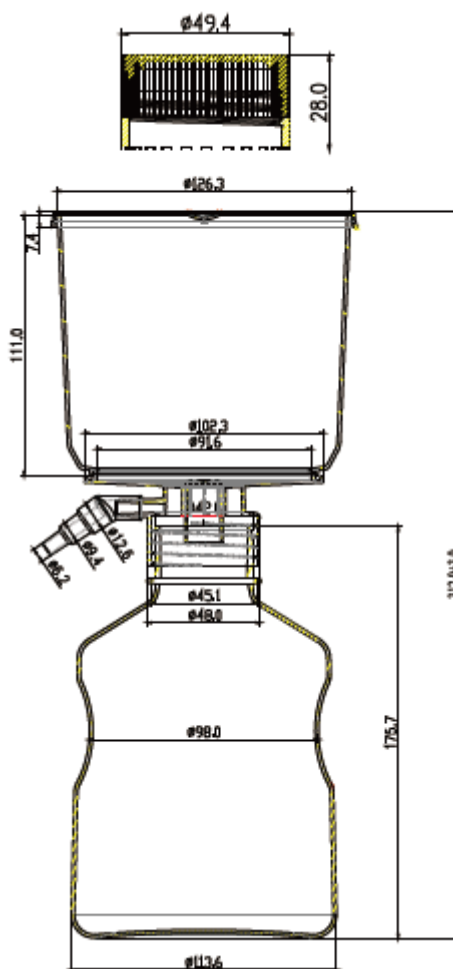
514-1046, 514-1047, 514-1048, 514-1018, 514-1019, and 514-1020





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514-1049, 514-1050, 514-1051, 514-1021, 514-1022 and 514-1023



Disclaimer: VWR wants to state that this declaration will not discharge the user from his obligation to ensure the product is suitable for the intended use. - If there is any doubt ask us.

Date of issue: **July 2017**