Technical Data Sheet



VWR® Vacuum Filtration Systems

Description: 150mL bottle top filter, Sterile

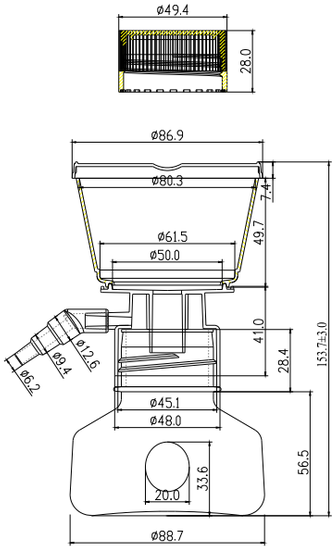
Purpose: Intended for the sterile vacuum filtration of aqueous solutions such as cell culture media and biological fluids.

Materials

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

Membrane: NYLON

Dimensions (Unit: mm)



150mL

Features

- Hydrophilic NYLON membrane
- Volume: 150mL
- Two membrane pore sizes: 0.22 and 0.45µm
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw connection
- Bottle designed with wide and easy access bottle mouth for efficient and stable pour out
- Top filter and bottom collector bottle have engraved graduation
- Ergonomically designed sidewalls and collar can simplify tightening/loosening and adjustments
- Designed hose connector can fit multiple hose diameters
- Non-pyrogenic
- Temperature range: -20°C to +50°C
- Hold-up Volume after purge: ⩽3mL
- Autoclavability: No
- Sterilized by irradiation SAL10^{-6} (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system

②

STERILE	R

Membrane	Pore Size(µm)	Water flow rate (mL/min/cm2@0.7bar,10psi)	Water bubble point (psi)
NYLON	0.22µm	6.24-14.08	50.0-72.0
NYLON	0.45µm	18.94-36.15	30.0-45.0

VWR® 150mL Vacuum Driven Filters

VWR NA Cat. No.	VWR EU EAN. No.	Description	Pore Size (µm)	Capacity (mL)	Membrane Diameter(mm)	Qty.per bag/case
76010-378	514-1060	FILTER UNIT, 150mL, NYLON, 0.22µm, STERILE	0.22	150	Ø50	1/12
76010-384	514-1061	FILTER UNIT, 150mL, NYLON, 0.45µm, STERILE	0.45	150	Ø50	1/12
76008-588	514-1024	FILTER UPPER CUP, 150mL, NYLON, 0.22µm, STERILE	0.22	150	Ø50	1/24
76008-594	514-1025	FILTER UPPER CUP, 150mL, NYLON, 0.45µm, STERILE	0.45	150	Ø50	1/24

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VWR® Vacuum Filtration Systems

Description: 250mL bottle top filter, Sterile

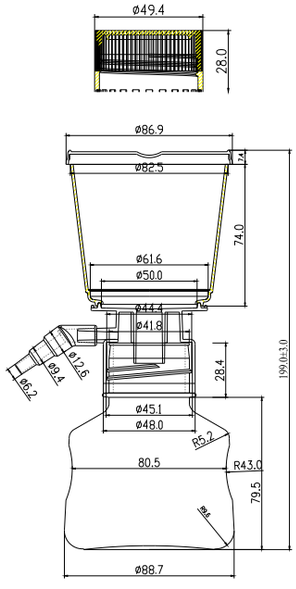
Purpose: Intended for the sterile vacuum filtration of aqueous solutions such as cell culture media and biological fluids.

Materials

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

Membrane: NYLON

Dimensions (Unit: mm)



250mL

Features

- Hydrophilic NYLON membrane
- Volume: 250mL
- Two membrane pore sizes: 0.22 and 0.45µm
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw connection
- Bottle designed with wide and easy access bottle mouth for efficient and stable pour out
- Top filter and bottom collector bottle have engraved graduation
- Ergonomically designed sidewalls and collar can simplify tightening/loosening and adjustments
- Designed hose connector can fit multiple hose diameters
- Non-pyrogenic
- Temperature range: -20°C to +50°C
- Hold-up Volume after purge: ⩽3mL
- Autoclavability: No
- Sterilized by irradiation SAL10^{-6} (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system

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STERILE	R

Membrane	Pore Size(µm)	Water flow rate (mL/min/cm2@0.7bar,10psi)	Water bubble point (psi)
NYLON	0.22µm	6.24-14.08	50.0-72.0
NYLON	0.45µm	18.94-36.15	30.0-45.0

VWR® 250mL Vacuum Driven Filters

VWR NA Cat. No.	VWR EU EAN. No.	Description	Pore Size (µm)	Capacity (mL)	Membrane Diameter(mm)	Qty.per bag/case
76010-392	514-1062	FILTER UNIT, 250mL, NYLON, 0.22µm, STERILE	0.22	250	Ø50	1/12
76010-398	514-1063	FILTER UNIT, 250mL, NYLON, 0.45µm, STERILE	0.45	250	Ø50	1/12
76008-602	514-1026	FILTER UPPER CUP, 250mL, NYLON, 0.22µm, STERILE	0.22	250	Ø50	1/24
76008-608	514-1027	FILTER UPPER CUP, 250mL, NYLON, 0.45µm, STERILE	0.45	250	Ø50	1/24

Technical Data Sheet



VWR® Vacuum Filtration Systems

Description: 500mL bottle top filter, Sterile

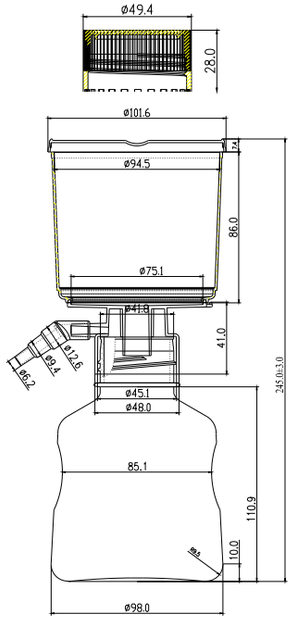
Purpose: Intended for the sterile vacuum filtration of aqueous solutions such as cell culture media and biological fluids.

Materials

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

Membrane: NYLON

Dimensions (Unit: mm)



500mL

STERILE | R

Features

- Hydrophilic NYLON membrane
- Volume: 500mL
- Two membrane pore sizes: 0.22 and 0.45μm
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw connection
- Bottle designed with wide and easy access bottle mouth for efficient and stable pour out
- Top filter and bottom collector bottle have engraved graduation
- Ergonomically designed sidewalls and collar can simplify tightening/loosening and adjustments
- Designed hose connector can fit multiple hose diameters
- Non-pyrogenic
- Temperature range: -20°C to +50°C
- Hold-up Volume after purge: ⩽3mL
- Autoclavability: No
- Sterilized by irradiation SAL10^{-6} (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system

Membrane	Pore Size(μm)	Water flow rate (mL/min/cm2@0.7bar,10psi)	Water bubble point (psi)
NYLON	0.22μm	6.24-14.08	50.0-72.0
NYLON	0.45μm	18.94-36.15	30.0-45.0

VWR® 500mL Vacuum Driven Filters

VWR NA Cat. No.	VWR EU EAN. No.	Description	Pore Size (μm)	Capacity (mL)	Membrane Diameter(mm)	Qty.per bag/case
76010-406	514-1064	FILTER UNIT, 500mL, NYLON, 0.22μm, STERILE	0.22	500	Ø75	1/12
76010-412	514-1065	FILTER UNIT, 500mL, NYLON, 0.45μm, STERILE	0.45	500	Ø75	1/12
76008-616	514-1028	FILTER UPPER CUP, 500mL, NYLON, 0.22μm, STERILE	0.22	500	Ø75	1/24
76008-622	514-1029	FILTER UPPER CUP, 500mL, NYLON, 0.45μm, STERILE	0.45	500	Ø75	1/24

Technical Data Sheet



VWR® Vacuum Filtration Systems

Description: 1000mL bottle top filter, Sterile

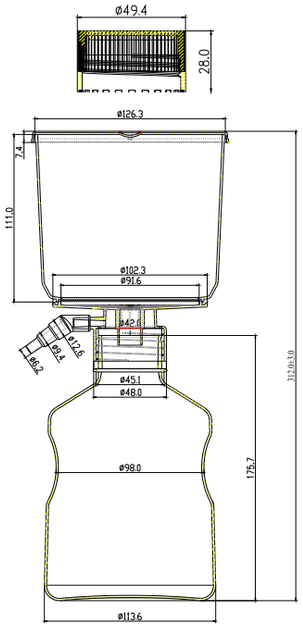
Purpose: Intended for the sterile vacuum filtration of aqueous solutions such as cell culture media and biological fluids.

Materials

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

Membrane: NYLON

Dimensions (Unit: mm)



1000mL

Features

- Hydrophilic NYLON membrane
- Volume: 1000mL
- Two membrane pore sizes: 0.22 and 0.45μm
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw connection
- Bottle designed with wide and easy access bottle mouth for efficient and stable pour out
- Top filter and bottom collector bottle have engraved graduation
- Ergonomically designed sidewalls and collar can simplify tightening/loosening and adjustments
- Designed hose connector can fit multiple hose diameters
- Non-pyrogenic
- Temperature range: -20°C to +50°C
- Hold-up Volume after purge: ⩽3mL
- Autoclavability: No
- Sterilized by irradiation SAL10^{-6} (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system

②

STERILE	R

Membrane	Pore Size(μm)	Water flow rate (mL/min/cm2@0.7bar,10psi)	Water bubble point (psi)
NYLON	0.22μm	6.24-14.08	50.0-72.0
NYLON	0.45μm	18.94-36.15	30.0-45.0

VWR® 1000mL Vacuum Driven Filters

VWR NA Cat. No.	VWR EU EAN. No.	Description	Pore Size (μm)	Capacity (mL)	Membrane Diameter(mm)	Qty.per bag/case
76010-420	514-1066	FILTER UNIT, 1000mL, NYLON, 0.22μm, STERILE	0.22	1000	Ø91	1/12
76012-770	514-1067	FILTER UNIT, 1000mL, NYLON, 0.45μm, STERILE	0.45	1000	Ø91	1/12
76008-574	514-1030	FILTER UPPER CUP, 1000mL, NYLON, 0.22μm, STERILE	0.22	1000	Ø91	1/24
76010-368	514-1031	FILTER UPPER CUP, 1000mL, NYLON, 0.45μm, STERILE	0.45	1000	Ø91	1/24