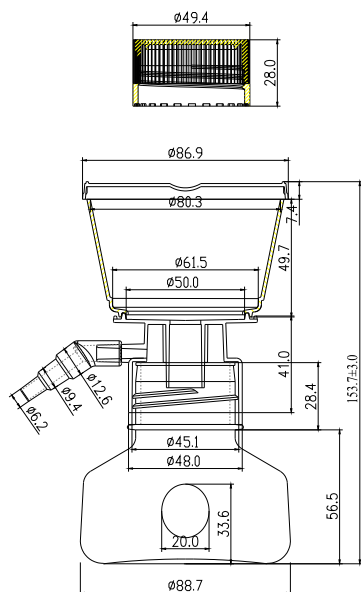




Dimensions (Unit: mm)



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
Connect: ABS (Acrylonitrile-Butadiene-Styrene);	Color: Green
Hose connector: PP (Polypropylene);	Color: White
Cap: HDPE (High-density Polyethylene)	Color: Green
Sealing ring: Silicone	Color: Natural
Membrane: PES (Polyethersulfone)	

Features

- Hydrophilic Polyethersulfone (PES) membrane
- 2 membrane pore sizes: 0.2 and 0.45µm
- Membrane type and pore size printed on unit
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw
- Designed wide and easy access bottle mouth for efficiently and stably pour out
- Engraved graduation ensure veracity
- Designed hose connector can fit multiplicate hose diameters
- Temperature range: -20°C to +50°C
- Effective filtration area of membrane: 15.16cm²
- Hold-up Volume after purge: ≤3mL
- Autoclavability: No
- Non-pyrogenic
- Sterilized by irradiation SAL 10⁻⁶ (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 clean room environment
- Manufactured under ISO13485 and ISO9001 quality management system

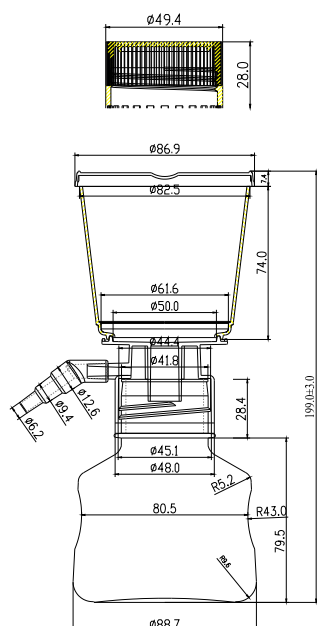
Membrane	Pore size	Water flow rate (mL/min/cm ² @ 0.7bar, 10psi)	Water bubble point (psi)
PES	0.2µm	19.3~34.6	53.0~69.0
PES	0.45µm	38.0~100.0	36.0~48.0

VWR® Vacuum Filtration Systems

VWR NA Cat. No.	VWR EU Cat. No.	Description	Pore Size	Capacity	Membrane Diameter	Packaging Configuration
10040-460	514-0328	Filter Unit, 150mL, PES, 0.2µm, Sterile	0.2µm	150mL	ø50mm	1/bag, 12/case
10040-462	514-0329	Filter Unit, 150mL, PES, 0.45µm, Sterile	0.45µm	150mL	ø50mm	1/bag, 12/case
10040-444	514-0336	Filter Upper Cup, 150mL, PES, 0.2µm, Sterile	0.2µm	150mL	ø50mm	1/bag, 24/case
10040-446	514-0337	Filter Upper Cup, 150mL, PES, 0.45µm, Sterile	0.45µm	150mL	ø50mm	1/bag, 24/case



Dimensions (Unit: mm)



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
Connect: ABS (Acrylonitrile-Butadiene-Styrene);	Color: Green
Hose connector: PP (Polypropylene);	Color: White
Cap: HDPE (High-density Polyethylene)	Color: Green
Sealing ring: Silicone	Color: Natural
Membrane: PES (Polyethersulfone)	

Features

- Hydrophilic Polyethersulfone (PES) membrane
- 2 membrane pore sizes: 0.2 and 0.45µm
- Membrane type and pore size printed on unit
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw
- Designed wide and easy access bottle mouth for efficiently and stably pour out
- Engraved graduation ensure veracity
- Designed hose connector can fit multiplicate hose diameters
- Temperature range: -20°C to +50°C
- Effective filtration area of membrane: 15.16cm²
- Hold-up Volume after purge: ≤3mL
- Autoclavability: No
- Non-pyrogenic
- Sterilized by irradiation SAL 10⁻⁶ (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 clean room environment
- Manufactured under ISO13485 and ISO9001 quality management system

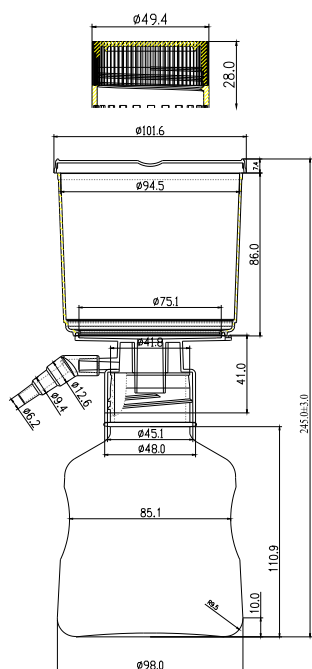
Membrane	Pore size	Water flow rate (mL/min/cm ² @ 0.7bar, 10psi)	Water bubble point (psi)
PES	0.2µm	19.3~34.6	53.0~69.0
PES	0.45µm	38.0~100.0	36.0~48.0

VWR® Vacuum Filtration Systems

VWR NA Cat. No.	VWR EU Cat. No.	Description	Pore Size	Capacity	Membrane Diameter	Packaging Configuration
10040-464	514-0330	Filter Unit, 250mL, PES, 0.2µm, Sterile	0.2µm	250mL	Ø50mm	1/bag, 12/case
10040-466	514-0331	Filter Unit, 250mL, PES, 0.45µm, Sterile	0.45µm	250mL	Ø50mm	1/bag, 12/case
10040-448	514-0338	Filter Upper Cup, 250mL, PES, 0.2µm, Sterile	0.2µm	250mL	Ø50mm	1/bag, 24/case
10040-450	514-0339	Filter Upper Cup, 250mL, PES, 0.45µm, Sterile	0.45µm	250mL	Ø50mm	1/bag, 24/case



Dimensions (Unit: mm)



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
Connect: ABS (Acrylonitrile-Butadiene-Styrene);	Color: Green
Hose connector: PP (Polypropylene);	Color: White
Cap: HDPE (High-density Polyethylene)	Color: Green
Sealing ring: Silicone	Color: Natural
Membrane: PES (Polyethersulfone)	

Features

- Hydrophilic Polyethersulfone (PES) membrane
- 2 membrane pore sizes: 0.2 and 0.45µm
- Membrane type and pore size printed on unit
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw
- Designed wide and easy access bottle mouth for efficiently and stably pour out
- Engraved graduation ensure veracity
- Designed hose connector can fit multiplicate hose diameters
- Temperature range: -20°C to +50°C
- Effective filtration area of membrane: 38.04cm²
- Hold-up Volume after purge: ≤3mL
- Autoclavability: No
- Non-pyrogenic
- Sterilized by irradiation SAL 10⁻⁶ (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 clean room environment
- Manufactured under ISO13485 and ISO9001 quality management system

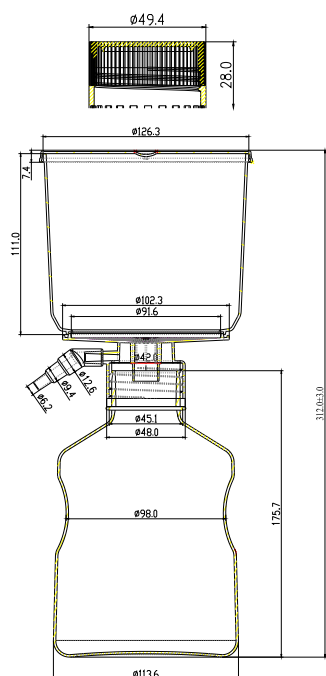
Membrane	Pore size	Water flow rate (mL/min/cm ² @ 0.7bar, 10psi)	Water bubble point (psi)
PES	0.2µm	19.3~34.6	53.0~69.0
PES	0.45µm	38.0~100.0	36.0~48.0

VWR® Vacuum Filtration Systems

VWR NA Cat. No.	VWR EU Cat. No.	Description	Pore Size	Capacity	Membrane Diameter	Packaging Configuration
10040-436	514-0332	Filter Unit, 500mL, PES, 0.2µm, Sterile	0.2µm	500mL	ø75mm	1/bag, 12/case
10040-438	514-0333	Filter Unit, 500mL, PES 0.45µm, Sterile	0.45µm	500mL	ø75mm	1/bag, 12/case
10040-468	514-0340	Filter Upper Cup, 500mL, PES, 0.2µm, Sterile	0.2µm	500mL	ø75mm	1/bag, 24/case
10040-470	514-0341	Filter Upper Cup, 500mL, PES, 0.45µm, Sterile	0.45µm	500mL	ø75mm	1/bag, 24/case



Dimensions (Unit: mm)



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
Connect: ABS (Acrylonitrile-Butadiene-Styrene);	Color: Green
Hose connector: PP (Polypropylene);	Color: White
Cap: HDPE (High-density Polyethylene)	Color: Green
Sealing ring: Silicone	Color: Natural
Membrane: PES (Polyethersulfone)	

Features

- Hydrophilic Polyethersulfone (PES) membrane
- 2 membrane pore sizes: 0.2 and 0.45µm
- Membrane type and pore size printed on unit
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw
- Designed wide and easy access bottle mouth for efficiently and stably pour out
- Engraved graduation ensure veracity
- Designed hose connector can fit multiplicate hose diameters
- Temperature range: -20°C to +50°C
- Effective filtration area of membrane: 58.93cm²
- Hold-up Volume after purge: ≤3mL
- Autoclavability: No
- Non-pyrogenic
- Sterilized by irradiation SAL 10⁻⁶ (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 clean room environment
- Manufactured under ISO13485 and ISO9001 quality management system

Membrane	Pore size	Water flow rate (mL/min/cm ² @ 0.7bar, 10psi)	Water bubble point (psi)
PES	0.2µm	19.3~34.6	53.0~69.0
PES	0.45µm	38.0~100.0	36.0~48.0

VWR® Vacuum Filtration Systems

VWR NA Cat. No.	VWR EU Cat. No.	Description	Pore Size	Capacity	Membrane Diameter	Packaging Configuration
10040-440	514-0334	Filter Unit, 1000mL, PES, 0.2µm, Sterile	0.2µm	1000mL	ø91mm	1/bag, 12/case
10040-442	514-0335	Filter Unit, 1000mL, PES, 0.45µm, Sterile	0.45µm	1000mL	ø91mm	1/bag, 12/case
10040-472	514-0342	Filter Upper Cup, 1000mL, PES, 0.2µm, Sterile	0.2µm	1000mL	ø91mm	1/bag, 24/case
10040-474	514-0343	Filter Upper Cup, 1000mL, PES, 0.45µm, Sterile	0.45µm	1000mL	ø91mm	1/bag, 24/case