

Фильтры шприцевые CARL ROTH ROTILABO

Технические характеристики

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
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Иваново (4932)77-34-06
Ижевск (3412)26-03-58
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Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
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Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

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Москва (495)268-04-70
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Набережные Челны (8552)20-53-41
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Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
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Симферополь (3652)67-13-56
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Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тургут (3462)77-98-35
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
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Хабаровск (4212)92-98-04
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Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия (495)268-04-70

Казахстан (772)734-952-31

Киргизия (996)312-96-26-47



Syringe filters



Syringe filters ROTILABO®

ROTH SELECTION. Non-sterile.

With hydrophilic or hydrophobic membranes.

Not a medical device / Not an IVD product

MCE

With hydrophilic membrane made of mixed cellulose ester (cellulose acetate and nitrate) for filtration of aqueous solutions.

Technical specifications:

Art. No.	P820.1	P818.1	P819.1
Ø Membrane	25 mm		
Ø Housing	29 mm		
Housing material	PVC		
Sample volume	~100 ml		
Dead volume	<100 µl		
Filtration area	3.9 cm ²		
Max. application temperature	45 °C		
Max. operating pressure	5 bar		
Inlet connection	Luer lock connector		
Outlet connection	Luer connector		

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,8	Non-sterile	25	P820.1	100 unit(s)
0,22	Non-sterile	25	P818.1	100 unit(s)
0,45	Non-sterile	25	P819.1	100 unit(s)

Nylon

With hydrophilic nylon membrane for filtration of aqueous and many organic solutions.

Technical specifications:

Art. No.	CCX8.1	KY61.1	CCX9.1	KY64.1
Ø Membrane	13 mm	30 mm	13 mm	30 mm
Ø Housing	19 mm	33 mm	19 mm	33 mm
Housing material	PP			
Sample volume	~10 ml	~100 ml	~10 ml	~100 ml
Dead volume	<15 µl	<80 µl	<15 µl	<80 µl
Filtration area	0.8 cm ²	4.52 cm ²	0.8 cm ²	4.52 cm ²
Max. application temperature	45 °C			
Max. operating pressure	10 bar	8.6 bar	10 bar	8.6 bar
Inlet connection	Luer lock connector			
Outlet connection	Luer connector			

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,20	Non-sterile	13	CCX8.1	100 unit(s)
0,20	Non-sterile	30	KY61.1	100 unit(s)
0,45	Non-sterile	13	CCX9.1	100 unit(s)
0,45	Non-sterile	30	KY64.1	100 unit(s)

PES

With hydrophilic membrane made of polyethersulfone (PES) for separation of extremely fine particles in aqueous solutions.

Technical specifications:

Art. No.	P821.1
Ø Membrane	30 mm
Ø Housing	33 mm
Housing material	PP
Sample volume	~100 ml
Dead volume	<80 µl
Filtration area	4.52 cm ²
Max. application temperature	45 °C
Max. operating pressure	8.6 bar
Inlet connection	Luer lock connector
Outlet connection	Luer connector

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	30	P821.1	100 unit(s)

PTFE

With hydrophobic membrane made of polytetrafluoroethylene (PTFE) for filtration of organic solutions and for air filtration.

Technical specifications:

Art. No.	CCY2.1	P815.1	CCY3.1	P816.1	P817.1
Ø Membrane	13 mm	25 mm	13 mm	25 mm	
Ø Housing	19 mm	29 mm	19 mm	29 mm	
Housing material	PP	PE	PP	PE	
Sample volume	~10 ml	~100 ml	~10 ml	~100 ml	
Dead volume	<15 µl	<100 µl	<15 µl	<100 µl	
Filtration area	0.8 cm ²	3.9 cm ²	0.8 cm ²	3.9 cm ²	
Max. application temperature	45 °C				
Max. operating pressure	10 bar	5 bar	10 bar	5 bar	
Inlet connection	Luer lock connector				
Outlet connection	Luer connector				

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,20	Non-sterile	13	CCY2.1	100 unit(s)
0,20	Non-sterile	25	P815.1	100 unit(s)
0,45	Non-sterile	13	CCY3.1	100 unit(s)
0,45	Non-sterile	25	P816.1	100 unit(s)
5,0	Non-sterile	25	P817.1	100 unit(s)

PVDF

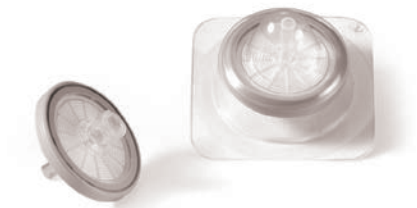
With hydrophilic membrane made of polyvinylidene fluoride (PVDF) for filtration of aqueous and slightly organic solutions.

Technical specifications:

Art. No.	CCY0.1	KY62.1	CCY1.1	KY63.1
Ø Membrane	13 mm	30 mm	13 mm	30 mm
Ø Housing	19 mm	33 mm	19 mm	33 mm
Housing material	PP			
Sample volume	~10 ml	~100 ml	~10 ml	~100 ml
Dead volume	<15 µl	<80 µl	<15 µl	<80 µl
Filtration area	0.8 cm ²	4.52 cm ²	0.8 cm ²	4.52 cm ²
Max. application temperature	45 °C			
Max. operating pressure	10 bar	8.6 bar	10 bar	8.6 bar
Inlet connection	Luer lock connector			
Outlet connection	Luer connector			

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	13	CCY0.1	100 unit(s)
0,22	Non-sterile	30	KY62.1	100 unit(s)
0,45	Non-sterile	13	CCY1.1	100 unit(s)
0,45	Non-sterile	30	KY63.1	100 unit(s)

Syringe filters



S

Syringe filters ROTILABO®

ROTH SELECTION. **Sterile.**

Individually packed. With Luer lock inlet and Luer outlet.

Not a medical device / Not an IVD product

MCE

With hydrophilic membrane made of mixed cellulose ester (MCE) for filtering additives, tissue culture media and antibiotics.

Technical specifications:

Art. No.	KH54.1	KH55.1
Ø Membrane	30 mm	
Ø Housing	33 mm	
Housing material	PMMA polymer	
Sample volume	~100 ml	
Dead volume	<80 µl	
Filtration area	4.52 cm ²	
Max. application temperature	45 °C	
Max. operating pressure	8.6 bar	
Inlet connection	Luer lock connector	
Outlet connection	Luer connector	

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Sterile	30	KH54.1	50 unit(s)
0,45	Sterile	30	KH55.1	50 unit(s)

PES

With hydrophilic membrane made of polyethersulfone (PES) for ultra-fast filtration of tissue culture media, additives and other aqueous solutions.

Technical specifications:

Art. No.	P668.1
Ø Membrane	30 mm
Ø Housing	33 mm
Housing material	PMMA polymer
Sample volume	~100 ml
Dead volume	<80 µl
Filtration area	4.52 cm ²
Max. application temperature	45 °C
Max. operating pressure	8.6 bar
Inlet connection	Luer lock connector
Outlet connection	Luer connector

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Sterile	30	P668.1	50 unit(s)

PVDF

With hydrophilic membrane made of polyvinylidene fluoride (PVDF) for filtration of protein solutions, tissue culture media, additives, antibiotics and alcoholic solutions.

Technical specifications:

Art. No.	P666.1	P667.1
Ø Membrane	30 mm	
Ø Housing	33 mm	
Housing material	PMMA polymer	
Sample volume	~100 ml	
Dead volume	<80 µl	
Filtration area	4.52 cm ²	
Max. application temperature	45 °C	
Max. operating pressure	8.6 bar	
Inlet connection	Luer lock connector	
Outlet connection	Luer connector	

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Sterile	30	P666.1	50 unit(s)
0,45	Sterile	30	P667.1	50 unit(s)



Syringe filters ROTILABO® glass fibre

ROTH SELECTION.

For prefiltration of samples with high particle loads. Retention range 1–2 µm, binder-free.

Housing made of PP, ultrasonically welded, housing made of PC, injection-moulded.

Technical specifications:

Art. No.	KC98.1	KC99.1	KE00.1
Ø Membrane	15 mm	25 mm	30 mm
Ø Housing	20 mm	30 mm	34 mm
Housing material	PP		PC
Sample volume	1–10 ml	10–100 ml	>100 ml
Dead volume	<25 µl	<65 µl	<170 µl
Total filter volume	0.335 ml	0.6 ml	0.864 ml
Filtration area	1.77 cm ²	4.90 cm ²	7.07 cm ²
Max. operating pressure	7 bar		6 bar
Inlet connection	Luer lock connector		
Outlet connection	Luer connector		

Not a medical device / Not an IVD product

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
1-2	Non-sterile	15	KC98.1	100 unit(s)
1-2	Non-sterile	25	KC99.1	100 unit(s)
1-2	Non-sterile	30	KE00.1	100 unit(s)



Syringe filters

Syringe filters

With housing made of PP, ultrasonically welded (filter with membrane Ø 13 mm) or injection-moulded (filter with membrane Ø 25 mm). Sterile version (individually packed) available as an option.



Not a medical device / Not an IVD product

Cellulose acetate (CA)

Hydrophilic membrane for filtration of aqueous solutions.

Technical specifications:

Art. No.	1AN9.1	1ANA.1	1ANC.1	1ANE.1
Ø Membrane	13 mm	25 mm		
Ø Housing	17 mm	30 mm		
Housing material	PP			
Sample volume	< 10 ml	< 100 ml		
Inlet connection	Luer lock connector			
Outlet connection	Luer fitting			

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	13	1AN9.1	100 unit(s)
0,22	Sterile	25	1ANA.1	100 unit(s)
0,45	Non-sterile	25	1ANC.1	100 unit(s)
0,45	Sterile	25	1ANE.1	100 unit(s)

Polyethersulfone (PES)

Hydrophilic membrane with low protein binding and high flow rate.

Technical specifications:

Art. No.	1ANH.1	1ANK.1
Ø Membrane	25 mm	
Ø Housing	30 mm	
Housing material	PP	
Sample volume	< 100 ml	
Inlet connection	Luer lock connector	
Outlet connection	Luer fitting	

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	25	1ANH.1	100 unit(s)
0,22	Sterile	25	1ANK.1	100 unit(s)

Polyvinylidene fluoride (PVDF)

Hydrophilic membrane with low protein binding.

Technical specifications:

Art. No.	1ANL.1	1ANN.1	1ANP.1	1ANT.1
Ø Membrane	25 mm			
Ø Housing	30 mm			
Housing material	PP			
Sample volume	< 100 ml			
Inlet connection	Luer lock connector			
Outlet connection	Luer fitting			

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	25	1ANL.1	100 unit(s)
0,22	Sterile	25	1ANN.1	100 unit(s)
0,45	Non-sterile	25	1ANP.1	100 unit(s)
0,45	Sterile	25	1ANT.1	100 unit(s)

Syringe filters

Nylon

Hydrophilic membrane which is highly resistant to many organic solvents.

Technical specifications:

Art. No.	1ANX.1	1ANY.1	1AP0.1	1AP1.1
Ø Membrane	13 mm	25 mm	13 mm	25 mm
Ø Housing	17 mm	30 mm	17 mm	30 mm
Housing material	PP			
Sample volume	< 10 ml	< 100 ml	< 10 ml	< 100 ml
Inlet connection	Luer lock connector			
Outlet connection	Luer fitting			

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	13	1ANX.1	100 unit(s)
0,22	Non-sterile	25	1ANY.1	100 unit(s)
0,45	Non-sterile	13	1AP0.1	100 unit(s)
0,45	Non-sterile	25	1AP1.1	100 unit(s)

Hydrophilic polytetrafluoroethylene (PTFE)

Hydrophilic membrane with high chemical resistance.

Technical specifications:

Art. No.	1AP2.1	1AP3.1	1AP4.1	1AP5.1	1AP6.1
Ø Membrane	13 mm	25 mm		13 mm	25 mm
Ø Housing	17 mm	30 mm		17 mm	30 mm
Housing material	PP				
Sample volume	< 10 ml	< 100 ml		< 10 ml	< 100 ml
Inlet connection	Luer lock connector				
Outlet connection	Luer fitting				

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	13	1AP2.1	100 unit(s)
0,22	Non-sterile	25	1AP3.1	100 unit(s)
0,22	Sterile	25	1AP4.1	100 unit(s)
0,45	Non-sterile	13	1AP5.1	100 unit(s)
0,45	Non-sterile	25	1AP6.1	100 unit(s)

Hydrophobic polytetrafluoroethylene (PTFE)

Hydrophobic membrane with high chemical resistance.

Technical specifications:

Art. No.	1AP7.1	1AP8.1	1AP9.1	1APA.1	1APC.1	1APE.1
Ø Membrane	13 mm		25 mm		13 mm	25 mm
Ø Housing	17 mm		30 mm		17 mm	30 mm
Housing material	PP					
Sample volume	< 10 ml		< 100 ml		< 10 ml	< 100 ml
Inlet connection	Luer lock connector					
Outlet connection	Luer fitting					

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,22	Non-sterile	13	1AP7.1	100 unit(s)
0,22	Sterile	13	1AP8.1	100 unit(s)
0,22	Non-sterile	25	1AP9.1	100 unit(s)
0,22	Sterile	25	1APA.1	100 unit(s)
0,45	Non-sterile	13	1APC.1	100 unit(s)
0,45	Non-sterile	25	1APE.1	100 unit(s)

Glass fibre

Glass fibre filters for clear filtration of liquids with high particle content.

Technical specifications:

Art. No.	1APH.1	1APK.1
Ø Membrane	13 mm	25 mm
Ø Housing	17 mm	30 mm
Housing material	PP	
Sample volume	< 10 ml	< 100 ml
Inlet connection	Luer lock connector	
Outlet connection	Luer fitting	

Pore size (µm)	Sterility	Ø Membrane (mm)	Art. No.	Pack Qty.
0,7	Non-sterile	13	1APH.1	100 unit(s)
0,7	Non-sterile	25	1APK.1	100 unit(s)



Syringe filters

Syringe filters ROTILABO®

ROTH SELECTION.

With pressure- and chemical-resistant housing made of PP, housing ultrasonically welded (filter with membrane Ø 15 mm) or injection-moulded (filter with membrane Ø 25 and 30 mm). Sterile version (individually packed) available as an option.



Not a medical device / Not an IVD product

Cellulose acetate (CA)

Hydrophilic membrane with very low protein adsorption (3.8 µg/cm²) for biological samples (e.g. enzyme solutions, biological macromolecules) and for clarification and sterile filtration of aqueous solutions.

Technical specifications:

Art. No.	KC60.1	KC70.1	KC80.1	KC61.1	KC71.1	KC81.1
Ø Membrane	25 mm		30 mm	25 mm		30 mm
Ø Housing	30 mm		34 mm	30 mm		34 mm
Housing material	PP					
Sample volume	10–100 ml		>100 ml	10–100 ml		>100 ml
Dead volume	<65 µl		<170 µl	<65 µl		<170 µl
Total filter volume	0.6 ml		0.864 ml	0.6 ml		0.864 ml
Filtration area	4.90 cm²		7.07 cm²	4.90 cm²		7.07 cm²
Max. operating pressure	7 bar		6 bar	7 bar		6 bar
Inlet connection	Luer lock connector					
Outlet connection	Luer connector					

Pore size (µm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Non-sterile	25	light grey	KC60.1	100 unit(s)	
0,2	Sterile	25	light grey	KC70.1	100 unit(s)	
0,2	Non-sterile	30	light grey	KC80.1	100 unit(s)	
0,45	Non-sterile	25	grey	KC61.1	100 unit(s)	
0,45	Sterile	25	grey	KC71.1	100 unit(s)	
0,45	Non-sterile	30	grey	KC81.1	100 unit(s)	

Mixed cellulose ester (MCE)

Hydrophilic membrane with high non-specific adsorption capacity for sample preparation for aqueous media and for separating microbiological material (bacteria, yeast, etc.).

Technical specifications:

Art. No.	PA63.1	PA64.1
Ø Membrane	15 mm	
Ø Housing	20 mm	
Housing material	PP	
Sample volume	1–10 ml	
Dead volume	<25 µl	
Total filter volume	0.335 ml	
Filtration area	1.77 cm²	
Max. operating pressure	7 bar	
Inlet connection	Luer lock connector	
Outlet connection	Luer connector	

Pore size (µm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Sterile	15	colourless	PA63.1	100 unit(s)	
0,45	Sterile	15	colourless	PA64.1	100 unit(s)	

Syringe filters

Nylon

For the filtration of HPLC and GC solvents and for purification and sterile filtration of aqueous, alkaline and organic solutions. Hydrophilic, resistant to many solvents. High mechanical stability.

Technical specifications:

Art. No.	KC92.1	PA51.1	KC64.1	KC74.1	KC84.1	KC93.1	PA52.1	KC65.1	KC75.1	KC85.1
Ø Membrane	15 mm		25 mm		30 mm	15 mm		25 mm		30 mm
Ø Housing	20 mm		30 mm		34 mm	20 mm		30 mm		34 mm
Housing material	PP									
Sample volume	1–10 ml		10–100 ml		>100 ml	1–10 ml		10–100 ml		>100 ml
Dead volume	<25 µl		<65 µl		<170 µl	<25 µl		<65 µl		<170 µl
Total filter volume	0.335 ml		0.6 ml		0.864 ml	0.335 ml		0.6 ml		0.864 ml
Filtration area	1.77 cm ²		4.90 cm ²		7.07 cm ²	1.77 cm ²		4.90 cm ²		7.07 cm ²
Max. operating pressure	7 bar				6 bar	7 bar				6 bar
Inlet connection	Luer lock connector									
Outlet connection	Luer connector									

Pore size (µm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Non-sterile	15	colourless	KC92.1	100 unit(s)	
0,2	Sterile	15	colourless	PA51.1	100 unit(s)	
0,2	Non-sterile	25	yellow	KC64.1	100 unit(s)	
0,2	Sterile	25	yellow	KC74.1	100 unit(s)	
0,2	Non-sterile	30	yellow	KC84.1	100 unit(s)	
0,45	Non-sterile	15	colourless	KC93.1	100 unit(s)	
0,45	Sterile	15	colourless	PA52.1	100 unit(s)	
0,45	Non-sterile	25	light orange	KC65.1	100 unit(s)	
0,45	Sterile	25	light orange	KC75.1	100 unit(s)	
0,45	Non-sterile	30	light orange	KC85.1	100 unit(s)	

Polyethersulfone (PES)

Hydrophilic membrane with low protein binding (< 20 µg/cm²) and high flow rates. Suitable for aqueous and partially organic media, e.g. for biological sample preparation.

Technical specifications:

Art. No.	PA59.1	NA21.1	PA60.1
Ø Membrane	15 mm	25 mm	15 mm
Ø Housing	20 mm	30 mm	20 mm
Housing material	PP		
Sample volume	1–10 ml	10–100 ml	1–10 ml
Dead volume	<25 µl	<65 µl	<25 µl
Total filter volume	0.335 ml	0.6 ml	0.335 ml
Filtration area	1.77 cm ²	4.90 cm ²	1.77 cm ²
Max. operating pressure	7 bar		
Inlet connection	Luer lock connector		
Outlet connection	Luer connector		

Pore size (µm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Sterile	15	colourless	PA59.1	100 unit(s)	
0,2	Non-sterile	25	blue	NA21.1	100 unit(s)	
0,45	Sterile	15	colourless	PA60.1	100 unit(s)	

Polypropylene (PP)

Weakly hydrophobic all-round membrane for aqueous and organic media.

Technical specifications:

Art. No.	PA57.1
Ø Membrane	15 mm
Ø Housing	20 mm
Housing material	PP
Sample volume	1–10 ml
Dead volume	<25 µl
Total filter volume	0.335 ml
Filtration area	1.77 cm ²
Max. operating pressure	7 bar
Inlet connection	Luer lock connector
Outlet connection	Luer connector

Pore size (µm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Sterile	15	colourless	PA57.1	100 unit(s)	



Syringe filters

Polytetrafluoroethylene (PTFE)

Hydrophobic membrane for the filtration of aggressive chemicals, acids and non-polar solvents. Low flow resistance to gases, can therefore also be used for air and gas filtration (e.g. for aeration and ventilation work and for sterile gas exchange).

Technical specifications:

Art. No.	KC94.1	PA53.1	KC66.1	KC76.1	KC86.1	KC95.1	PA54.1	KC67.1	KC77.1	KC87.1
Ø Membrane	15 mm		25 mm		30 mm	15 mm		25 mm		30 mm
Ø Housing	20 mm		30 mm		34 mm	20 mm		30 mm		34 mm
Housing material	PP									
Sample volume	1–10 ml		10–100 ml		>100 ml	1–10 ml		10–100 ml		>100 ml
Dead volume	<25 µl		<65 µl		<170 µl	<25 µl		<65 µl		<170 µl
Total filter volume	0.335 ml		0.6 ml		0.864 ml	0.335 ml		0.6 ml		0.864 ml
Filtration area	1.77 cm ²		4.90 cm ²		7.07 cm ²	1.77 cm ²		4.90 cm ²		7.07 cm ²
Max. operating pressure	7 bar				6 bar	7 bar				6 bar
Inlet connection	Luer lock connector									
Outlet connection	Luer connector									

Pore size (µm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Non-sterile	15	colourless	KC94.1	100 unit(s)	
0,2	Sterile	15	colourless	PA53.1	100 unit(s)	
0,2	Non-sterile	25	magenta	KC66.1	100 unit(s)	
0,2	Sterile	25	magenta	KC76.1	100 unit(s)	
0,2	Non-sterile	30	magenta	KC86.1	100 unit(s)	
0,45	Non-sterile	15	colourless	KC95.1	100 unit(s)	
0,45	Sterile	15	colourless	PA54.1	100 unit(s)	
0,45	Non-sterile	25	purple	KC67.1	100 unit(s)	
0,45	Sterile	25	purple	KC77.1	100 unit(s)	
0,45	Non-sterile	30	purple	KC87.1	100 unit(s)	

Polyvinylidene fluoride (PVDF)

Slightly hydrophobic membrane for clarification and sterile filtration of organic and partially organic solutions. Protein adsorption 125 µg/cm².

Technical specifications:

Art. No.	KC96.1	PA55.1	KC68.1	KC78.1	KC88.1	KC97.1	PA56.1	KC69.1	KC79.1	KC89.1
Ø Membrane	15 mm		25 mm		30 mm	15 mm		25 mm		30 mm
Ø Housing	20 mm		30 mm		34 mm	20 mm		30 mm		34 mm
Housing material	PP									
Sample volume	1–10 ml		10–100 ml		>100 ml	1–10 ml		10–100 ml		>100 ml
Dead volume	<25 µl		<65 µl		<170 µl	<25 µl		<65 µl		<170 µl
Total filter volume	0.335 ml		0.6 ml		0.864 ml	0.335 ml		0.6 ml		0.864 ml
Filtration area	1.77 cm ²		4.90 cm ²		7.07 cm ²	1.77 cm ²		4.90 cm ²		7.07 cm ²
Max. operating pressure	7 bar				6 bar	7 bar				6 bar
Inlet connection	Luer lock connector									
Outlet connection	Luer connector									

Pore size (µm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Non-sterile	15	colourless	KC96.1	100 unit(s)	
0,2	Sterile	15	colourless	PA55.1	100 unit(s)	
0,2	Non-sterile	25	violet	KC68.1	100 unit(s)	
0,2	Sterile	25	violet	KC78.1	100 unit(s)	
0,2	Non-sterile	30	violet	KC88.1	100 unit(s)	
0,45	Non-sterile	15	colourless	KC97.1	100 unit(s)	
0,45	Sterile	15	colourless	PA56.1	100 unit(s)	
0,45	Non-sterile	25	blue	KC69.1	100 unit(s)	
0,45	Sterile	25	blue	KC79.1	100 unit(s)	
0,45	Non-sterile	30	blue	KC89.1	100 unit(s)	

Syringe filters

Regenerated cellulose (RC)

Hydrophilic membrane with low non-specific adsorption performance for proteins ($<10 \mu\text{g}/\text{cm}^2$). For filtering biological solutions and for preparing samples and degassing eluents for HPLC. Good resistance to aqueous and organic solutions.

Technical specifications:

Art. No.	KC90.1	PA49.1	KC62.1	KC72.1	KC82.1	KC91.1	PA50.1	KC63.1	KC73.1	KC83.1
Ø Membrane	15 mm		25 mm		30 mm	15 mm		25 mm		30 mm
Ø Housing	20 mm		30 mm		34 mm	20 mm		30 mm		34 mm
Housing material	PP									
Sample volume	1–10 ml		10–100 ml		>100 ml	1–10 ml		10–100 ml		>100 ml
Dead volume	<25 µl		<65 µl		<170 µl	<25 µl		<65 µl		<170 µl
Total filter volume	0.335 ml		0.6 ml		0.864 ml	0.335 ml		0.6 ml		0.864 ml
Filtration area	1.77 cm²		4.90 cm²		7.07 cm²	1.77 cm²		4.90 cm²		7.07 cm²
Max. operating pressure	7 bar				6 bar	7 bar				6 bar
Inlet connection	Luer lock connector									
Outlet connection	Luer connector									

Pore size (μm)	Sterility	Ø Membrane (mm)	Colour coding	Art. No.	Pack Qty.	
0,2	Non-sterile	15	colourless	KC90.1	100 unit(s)	
0,2	Sterile	15	colourless	PA49.1	100 unit(s)	
0,2	Non-sterile	25	orange	KC62.1	100 unit(s)	
0,2	Sterile	25	orange	KC72.1	100 unit(s)	
0,2	Non-sterile	30	orange	KC82.1	100 unit(s)	
0,45	Non-sterile	15	colourless	KC91.1	100 unit(s)	
0,45	Sterile	15	colourless	PA50.1	100 unit(s)	
0,45	Non-sterile	25	red	KC63.1	100 unit(s)	
0,45	Sterile	25	red	KC73.1	100 unit(s)	
0,45	Non-sterile	30	red	KC83.1	100 unit(s)	

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