

Фильтры мембранные CARL ROTH MF-Millipore, Express PLUS, Isopore, Durapore, LCR, Fluoropore, Mitex, Track-etched, 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
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
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
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
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
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
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
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
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

Membrane filters

0.45 µm, Ø 47 mm, sterile with grid
Individually packed.

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,45	47	Sterile	Yes	A023.1	200 unit(s)

0.45 µm, Ø 90 mm

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,45	90	Non-sterile	No	A014.1	25 unit(s)

1.2 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
1,20	47	Non-sterile	No	A021.1	100 unit(s)



Membrane filters

GVS.

Hydrophilic.

Nylon

Material: Nylon polyester-reinforced. Non-sterile. Very low extractable substances content, free of wetting agent. Good chemical resistance, polyester reinforcement for higher mechanical stability. Protein binding approx. 120 µg/cm². Maximum usage temperature 180 °C.

Wide application spectrum: solvent filtration (HPLC), sample preparation (HPLC, GC), sterile filtration of aqueous and organic solutions.

Pore size (µm)	Ø (mm)	Sterility	Art. No.	Pack Qty.
0,22	47	Non-sterile	A026.1	100 unit(s)
0,45	13	Non-sterile	A029.1	100 unit(s)
0,45	47	Non-sterile	A031.1	100 unit(s)

Track-etched polycarbonate

Material: PC. Non-sterile. Autoclavable: Yes. Exact pore sizes, very smooth surface. Very low extractable substances content. Low protein binding <5 µg/cm², ashing residue approx. 0.92 µg/cm². Maximum usage temperature 140 °C.

Wide range of applications: Particle analysis, microscopy, electron microscopy.

Pore size (µm)	Ø (mm)	Sterility	Art. No.	Pack Qty.
0,20	25	Non-sterile	A044.1	100 unit(s)
0,45	25	Non-sterile	A045.1	100 unit(s)
0,45	47	Non-sterile	A046.1	100 unit(s)



A 121 °C

Membrane filters cellulose mixed ester

Cytiva. Material: CME, hydrophilic. Autoclavable: Yes.

Versatile membrane made of cellulose acetate and cellulose nitrate mixed ester.

Application examples: sterile and clear filtration, particle separation and analysis, microbiological analyses, counting of germs, yeasts, fungi and particle, food biology, air pollutant measurements, etc.

Max. usage temperature 130 °C.

Gridded membranes (**line spacing 3.1 mm**) make it easier to count particles and micro-organisms; the dyes used are non-toxic and free of antibacterial substances.

- High dirt absorbing capacity prevents rapid clogging of the membrane
- Uniform membrane structure ensures high flow rates
- Very smooth and even surface aids microscopic evaluation
- Biologically inert and free of surfactants

Sterile membranes are individually packed.

0.2 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,20	47	Non-sterile	No	NH80.1	100 unit(s)

0.2 µm, Ø 47 mm, without grid, sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,20	47	Sterile	No	NH83.1	100 unit(s)

0.2 µm, Ø 47 mm, with grid, sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,20	47	Sterile	Yes	NH84.1	100 unit(s)

0.2 µm, Ø 142 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,20	142	Non-sterile	No	ECT7.1	25 unit(s)

0.45 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,45	47	Non-sterile	No	NH81.1	100 unit(s)

0.45 µm, Ø 47 mm, with grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.
0,45	47	Non-sterile	Yes	NH82.1	100 unit(s)



Membrane filters

0.45 µm, Ø 47 mm, without grid, sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,45	47	Sterile	No	NH85.1	100 unit(s)	

0.45 µm, Ø 142 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,45	142	Non-sterile	No	ECT8.1	25 unit(s)	



A 121 °C

Membrane filters RC

Cytiva. Material: Cellulose, regenerated, hydrophilic, with support structure made of PP fleece. Autoclavable: Yes.

Suitable for aqueous and organic media. Thickness 155 µm.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
0,20	50	5987.1	100 unit(s)	
0,45	50	5988.1	100 unit(s)	



A 121 °C

Membrane filters Cellulose nitrate

Cytiva. Material: Cellulose nitrate, hydrophilic. Autoclavable: Yes.

Versatile standard membrane.

Applications: filtration of aqueous solutions, sample preparation, microbiological studies etc. High stability and flexibility, low extractable substances content. Max. usage temperature 80 °C.

Sterile Membranes are individually packed.

Gridded membranes (**line spacing 3.1 mm**) make it easier to count particles and micro-organisms; the dyes used are non-toxic and free of antibacterial substances.

0.1 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,10	47	Non-sterile	No	NH68.1	100 unit(s)	

0.2 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,20	47	Non-sterile	No	NH69.1	100 unit(s)	

0.2 µm, Ø 47 mm, without grid, sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,20	47	Sterile	No	NH77.1	100 unit(s)	

0.45 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,45	47	Non-sterile	No	NH70.1	100 unit(s)	

0.45 µm, Ø 47 mm, with grid, sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,45	47	Sterile	Yes	NH78.1	100 unit(s)	

0.45 µm, Ø 47 mm, with grid, sterile, 200 pce.

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,45	47	Sterile	Yes	NH79.1	200 unit(s)	

0.8 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
0,80	47	Non-sterile	No	NH73.1	100 unit(s)	

1 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
1,0	47	Non-sterile	No	NH74.1	100 unit(s)	

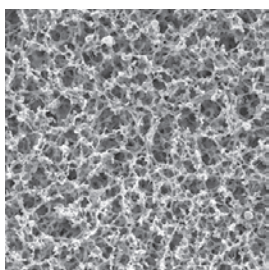
3 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
3,0	47	Non-sterile	No	NH75.1	100 unit(s)	

5 µm, Ø 47 mm, without grid, non-sterile

Pore size (µm)	Ø (mm)	Sterility	Grid	Art. No.	Pack Qty.	
5,0	47	Non-sterile	No	NH76.1	100 unit(s)	

Membrane filters



A 121 °C

Membrane filters MF-Millipore™ Cellulose mixed ester

MERCK MILLIPORE. Material: CME, hydrophilic. Autoclavable: Yes. Versatile standard membrane.

Applications: clear filtration and sterilisation of liquids, air particle analysis, contamination analysis of fuels and hydraulic liquids to determine the particulate load, biological applications such as cell harvesting or washing, micro-dialysis.

- Material: mixed ester made of cellulose nitrate and cellulose acetate
- Protein binding: 150 µg/cm²
- Membrane thickness: 105-150 µm
- Colour: white

0.025 µm, Ø 13 mm, without grid

Danger H228-H412

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,025	13	No	CY35.1	100 unit(s)

0.025 µm, Ø 25 mm, without grid

Danger H228-H412

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,025	25	No	CY36.1	100 unit(s)

0.025 µm, Ø 47 mm, without grid

Danger H228-H412

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,025	47	No	CY37.1	100 unit(s)

0.025 µm, Ø 90 mm, without grid

Danger H228-H412

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,025	90	No	CY38.1	25 unit(s)

0.22 µm, Ø 13 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,22	13	No	CY39.1	100 unit(s)

0.22 µm, Ø 25 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,22	25	No	CY40.1	100 unit(s)

0.22 µm, Ø 47 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,22	47	No	CY41.1	100 unit(s)

0.22 µm, Ø 90 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,22	90	No	CY42.1	100 unit(s)

0.45 µm, Ø 13 mm, with grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,45	13	Yes	CY44.1	100 unit(s)

0.45 µm, Ø 13 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,45	13	No	CY43.1	100 unit(s)

0.45 µm, Ø 25 mm, with grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,45	25	Yes	CY46.1	100 unit(s)

0.45 µm, Ø 25 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,45	25	No	CY45.1	100 unit(s)

0.45 µm, Ø 47 mm, with grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,45	47	Yes	CY48.1	100 unit(s)

0.45 µm, Ø 47 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,45	47	No	CY47.1	100 unit(s)

0.45 µm, Ø 90 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.
0,45	90	No	CY49.1	100 unit(s)



Membrane filters

0.65 µm, Ø 13 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,65	13	No	CY50.1	100 unit(s)	

0.65 µm, Ø 25 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,65	25	No	CY51.1	100 unit(s)	

0.65 µm, Ø 47 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,65	47	No	CY52.1	100 unit(s)	

0.65 µm, Ø 90 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,65	90	No	CY53.1	25 unit(s)	

0.8 µm, Ø 13 mm, with grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,80	13	Yes	CY55.1	100 unit(s)	

0.8 µm, Ø 13 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,80	13	No	CY54.1	100 unit(s)	

0.8 µm, Ø 25 mm, with grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,80	25	Yes	CY57.1	100 unit(s)	

0.8 µm, Ø 25 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,80	25	No	CY56.1	100 unit(s)	

0.8 µm, Ø 47 mm, with grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,80	47	Yes	CY59.1	100 unit(s)	

0.8 µm, Ø 47 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,80	47	No	CY58.1	100 unit(s)	

0.8 µm, Ø 90 mm, without grid

Danger H228-H319-H410

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
0,80	90	No	CY60.1	100 unit(s)	

8.0 µm, Ø 13 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
8,0	13	No	CY61.1	100 unit(s)	

8.0 µm, Ø 25 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
8,0	25	No	CY62.1	100 unit(s)	

8.0 µm, Ø 47 mm, without grid

Danger H228

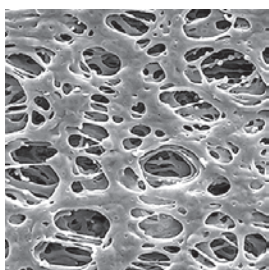
Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
8,0	47	No	CY63.1	100 unit(s)	

8.0 µm, Ø 90 mm, without grid

Danger H228

Pore size (µm)	Ø (mm)	Grid	Art. No.	Pack Qty.	
8,0	90	No	CY64.1	25 unit(s)	

Membrane filters



A 121 °C

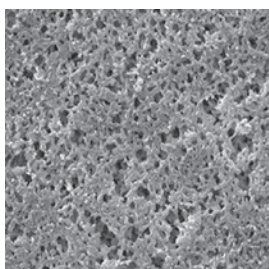
Membrane filters Express® PLUS PES

MERCK MILLIPORE. Material: PES, surface-modified, hydrophilic. Autoclavable: Yes.

Application examples: Ultrafast filtration of tissue media, buffers and other aqueous solutions.

- High flow rates and higher throughput
- Low protein binding
- Membrane strength: $\geq 150 \mu\text{m}$ and $\leq 200 \mu\text{m}$
- Colour: white
- Surface: smooth

Pore size (μm)	$\varnothing$ (mm)	Art. No.	Pack Qty.	
0,22	13	CX07.1	100 unit(s)	
0,22	25	CX08.1	100 unit(s)	
0,22	47	CX09.1	100 unit(s)	
0,22	90	CX10.1	50 unit(s)	
0,22	142	XA42.1	50 unit(s)	
0,45	13	XA43.1	100 unit(s)	
0,45	25	XA44.1	100 unit(s)	
0,45	47	XA45.1	100 unit(s)	
0,45	90	XA46.1	50 unit(s)	
0,45	142	XA47.1	50 unit(s)	



Membrane filters Nylon

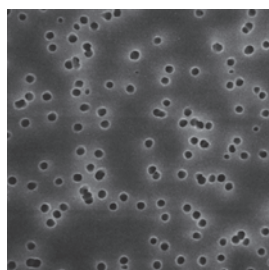
MERCK MILLIPORE. Material: Nylon, hydrophilic.

Highly compatible with solvents.

Applications: sterile filtration, bioassays, filtration of solvents, clear filtration of aqueous solutions, as well as particle separation and analysis.

- Membrane thickness: $170 \mu\text{m}$
- Colour: white
- Surface: smooth
- Sterilisation: compatible with gamma or EO sterilisation
- Max. working temperature: 75°C

Pore size (μm)	$\varnothing$ (mm)	Art. No.	Pack Qty.	
0,20	25	XA48.1	100 unit(s)	
0,20	47	XA49.1	100 unit(s)	
0,45	25	XA50.1	100 unit(s)	
0,45	47	XA51.1	100 unit(s)	
0,80	25	XA52.1	100 unit(s)	
1,20	25	XA54.1	100 unit(s)	
1,20	47	XA55.1	100 unit(s)	



A 121 °C

Membrane filters Isopore™ Polycarbonate

MERCK MILLIPORE. Material: PC, hydrophilic, not-hygroscopic. Autoclavable: Yes.

Smooth surface, suitable for microscopic evaluations.

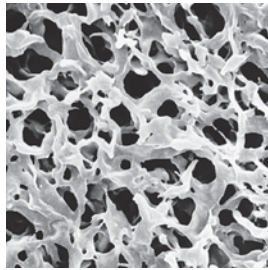
Application examples: Chemotaxis studies, drink analyses, sterility tests, cell culture/cell biology, bioassays, cytology, environment/air analyses, epifluorescence measurements (black membranes).

- Membrane strength: $9\text{--}10 \mu\text{m}$
- Max. working temperature: 140°C
- Colour: white or black

Pore size (μm)	$\varnothing$ (mm)	Colour	Art. No.	Pack Qty.	
0,10	13	white	CY17.1	100 unit(s)	
0,10	25	white	CY18.1	100 unit(s)	
0,10	47	white	CY19.1	100 unit(s)	
0,22	13	white	CY20.1	100 unit(s)	
0,22	13	black	CY24.1	100 unit(s)	
0,22	25	white	CY21.1	100 unit(s)	
0,22	25	black	CY25.1	100 unit(s)	
0,22	47	white	CY22.1	100 unit(s)	
0,22	47	black	CY26.1	100 unit(s)	
0,22	90	white	CY23.1	30 unit(s)	
0,40	13	white	CY28.1	100 unit(s)	
0,40	13	black	CY32.1	100 unit(s)	
0,40	25	white	CY29.1	100 unit(s)	
0,40	25	black	CY33.1	100 unit(s)	
0,40	47	white	CY30.1	100 unit(s)	
0,40	47	black	CY34.1	100 unit(s)	
0,40	90	white	CY31.1	30 unit(s)	



Membrane filters



A 121 °C

Membrane filters Durapore® PVDF hydrophilic

MERCK MILLIPORE. Material: PVDF, hydrophilic. Autoclavable: Yes.

Surface-modified polyvinylidene fluoride with very low protein binding.

Application examples: sterile filtration of protein solutions, tissue culture media, additives, antibiotics and alcoholic solutions; particle removal, biological assays (e.g. receptor binding studies TCA precipitation).

- Protein binding: 4 µg/cm²
- Membrane thickness: approx. 125 µm
- Colour: white
- Surface: smooth
- Max. working temperature: 85 °C

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,10	13	CX11.1	100 unit(s)
0,10	25	CX12.1	100 unit(s)
0,10	47	CX13.1	100 unit(s)
0,10	90	CX14.1	50 unit(s)
0,22	13	CX15.1	100 unit(s)
0,22	25	CX16.1	100 unit(s)
0,22	47	CX17.1	100 unit(s)
0,22	90	CX18.1	50 unit(s)
0,45	13	CX19.1	100 unit(s)
0,45	25	CX20.1	100 unit(s)
0,45	47	CX21.1	100 unit(s)
0,45	90	CX22.1	50 unit(s)
5,0	13	CX27.1	100 unit(s)
5,0	25	CX28.1	100 unit(s)
5,0	47	CX29.1	100 unit(s)
0,65	13	CX23.1	100 unit(s)
0,65	25	CX24.1	100 unit(s)
0,65	47	CX25.1	100 unit(s)
0,65	90	CX26.1	50 unit(s)

Membrane filters Durapore® PVDF hydrophobic

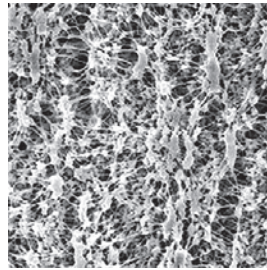
MERCK MILLIPORE. Material: PVDF, hydrophobic.

Application examples: clear filtration of air/gases, sterile filtration of gases.

- Protein binding: 150 µg/cm²
- Membrane thickness: approx. 125 µm
- Colour: white
- Surface: smooth
- Max. working temperature: 85 °C

Autoclavable: Yes.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,10	47	CX31.1	100 unit(s)
0,22	13	CX32.1	100 unit(s)
0,22	25	CX33.1	100 unit(s)
0,22	47	CX34.1	100 unit(s)
0,22	90	CX35.1	50 unit(s)
0,45	13	CX36.1	100 unit(s)
0,45	25	CX37.1	100 unit(s)
0,45	47	CX38.1	100 unit(s)
0,45	90	CX39.1	50 unit(s)



A 121 °C

Membrane filters LCR PTFE hydrophilic

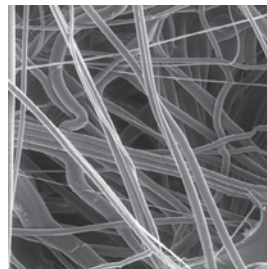
MERCK MILLIPORE. Material: Hydrophilic PTFE. Autoclavable: Yes.

Hydrophilised PTFE enables the filtration of aqueous solvents without previous wetting. For use with all common HPLC solvents.

Application examples: clear filtration of acids, bases, cryogenic liquids and fuels, analysis of hydraulic liquids, RNA isolation.

- Very low ionic strength, also suitable for IC
- Membrane strength: 150 µm
- Max. working temperature: 130 °C
- Colour: white

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,45	13	CX67.1	100 unit(s)
0,45	25	CX68.1	100 unit(s)
0,45	47	CX69.1	100 unit(s)



Prefilter PP

MERCK MILLIPORE. Material: PP, hydrophobic.

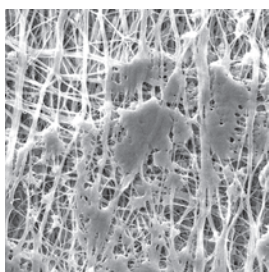
Pre-filters made of 100 % pure polypropylene. High particle retention and dirt absorbing capacity at low pressure drop.

Suitable for filtration of many organic solvents.

- Filter type: deep-bed filter
- Colour: white
- Surface: smooth
- Sterilisation: compatible with gamma or EO sterilisation
- Max. working temperature: 90 °C

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
5,0	47	XC01.1	100 unit(s)
0,60	47	XA98.1	100 unit(s)
10,0	47	XC02.1	100 unit(s)
1,20	47	XA99.1	100 unit(s)
2,50	47	XC00.1	100 unit(s)
30,0	47	XC03.1	100 unit(s)

Membrane filters



A 121 °C

Membrane filters Fluoropore™ PTFE with laminated support structure

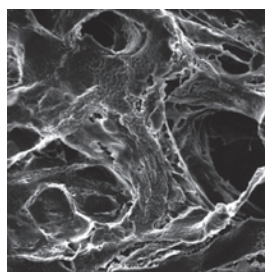
MERCK MILLIPORE. Material: Hydrophobic PTFE, HDPE. Autoclavable: Yes.

Membrane filter made of PTFE (polytetrafluoroethylene) with support structure made of high-density polyethylene fabric.

Application examples: clear filtration of acids, bases, solvents and alcoholic solutions, gas/air filtration, UV spectroscopy. If wetted beforehand with methanol or ethanol, aqueous solutions can also be filtered.

- Membrane strength: 150 µm
- Max. working temperature: 130 °C
- Colour: white

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
1,0	13	CX52.1	100 unit(s)	
1,0	25	CX53.1	100 unit(s)	
1,0	47	CX54.1	100 unit(s)	
0,22	13	CX44.1	100 unit(s)	
0,22	25	CX45.1	100 unit(s)	
0,22	47	CX46.1	100 unit(s)	
0,22	90	CX47.1	50 unit(s)	
3,0	25	CX56.1	100 unit(s)	
3,0	47	CX57.1	100 unit(s)	
3,0	90	CX58.1	25 unit(s)	
0,50	13	CX48.1	100 unit(s)	
0,50	25	CX49.1	100 unit(s)	
0,50	47	CX50.1	100 unit(s)	
0,50	90	CX51.1	50 unit(s)	



A 121 °C

Membrane filters Mitex™ PTFE

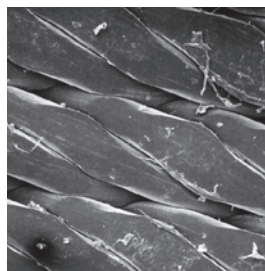
MERCK MILLIPORE. Material: Hydrophobic PTFE. Autoclavable: Yes. Hydrophobic PTFE membrane filter without support structure.

Application examples: filtration under extreme chemical or thermal conditions, clear filtration of acids, bases, cryogenic liquids and fuels, analysis of hydraulic liquids, RNA isolation.

If wetted beforehand with methanol or ethanol, aqueous solutions can also be filtered.

- Membrane strength: 130-140 µm
- Max. working temperature: 260 °C
- Colour: white

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
5,0	13	CX59.1	100 unit(s)	
5,0	25	CX60.1	100 unit(s)	
5,0	47	CX61.1	100 unit(s)	
5,0	90	CX62.1	25 unit(s)	
10,0	13	CX63.1	100 unit(s)	
10,0	25	CX64.1	100 unit(s)	
10,0	47	CX65.1	100 unit(s)	
10,0	90	CX66.1	25 unit(s)	



Mesh filter PP

MERCK MILLIPORE. Material: PP, hydrophilic.

Mesh filters made of 100 % pure polypropylene.

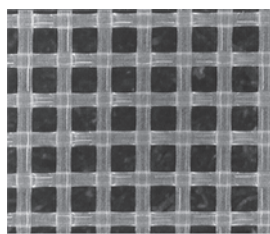
Applications: clear filtration, collection of cells and protein precipitates, separation of large particles, analysis of particulate impurities.

- Colour: white
- Surface: smooth
- Sterilisation: compatible with gamma or EO sterilisation
- Max. working temperature: 100 °C

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
25	25	XC04.1	100 unit(s)	
25	47	XC05.1	100 unit(s)	
45	25	XC06.1	100 unit(s)	
45	47	XC07.1	100 unit(s)	



Membrane filters



280 µm

Mesh filter Nylon

MERCK MILLIPORE. Material: Nylon, hydrophilic.

Mesh filter with high compatibility with solvents.

Applications: collection of algae and cells, particle analysis, separation of large particles, background filter for use in monitoring by automatic particle imaging systems, pre-filtration of solvents, monitoring of contamination in paints and lacquers.

- Colour: white
- Surface: smooth
- Sterilisation: compatible with gamma or EO sterilisation
- Max. working temperature: 100 °C

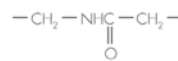
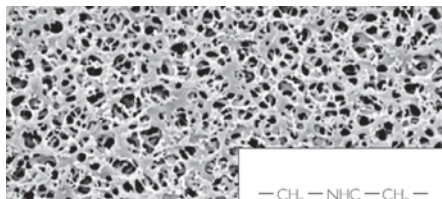
Circular filters

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
10	25	XA56.1	100 unit(s)
10	47	XA57.1	100 unit(s)
10	90	XA58.1	50 unit(s)
11	25	XA59.1	100 unit(s)
11	47	XA60.1	100 unit(s)
11	90	XA61.1	50 unit(s)
20	25	XA62.1	100 unit(s)
20	47	XA63.1	100 unit(s)
20	90	XA64.1	50 unit(s)
30	25	XA65.1	100 unit(s)
30	47	XA66.1	100 unit(s)
30	90	XA67.1	50 unit(s)
41	25	XA68.1	100 unit(s)
41	47	XA69.1	100 unit(s)
41	90	XA70.1	50 unit(s)
60	25	XA71.1	100 unit(s)
60	47	XA72.1	100 unit(s)
60	90	XA73.1	50 unit(s)
80	25	XA74.1	100 unit(s)
80	47	XA75.1	100 unit(s)
80	90	XA76.1	50 unit(s)
100	25	XA77.1	100 unit(s)
100	47	XA78.1	100 unit(s)
100	90	XA79.1	50 unit(s)
120	25	XA80.1	100 unit(s)
120	47	XA81.1	100 unit(s)
120	90	XA82.1	50 unit(s)
140	25	XA83.1	100 unit(s)
140	47	XA84.1	100 unit(s)
140	90	XA85.1	50 unit(s)
160	25	XA86.1	100 unit(s)
160	47	XA87.1	100 unit(s)
160	90	XA88.1	50 unit(s)
180	25	XA89.1	100 unit(s)
180	47	XA90.1	100 unit(s)
180	90	XA91.1	50 unit(s)

Filter rolls

Dimensions: W 30 x L 300 cm

Pore size (µm)	Art. No.	Pack Qty.
11	XA92.1	1 unit(s)
20	XA93.1	1 unit(s)
41	XA94.1	1 unit(s)
60	XA95.1	1 unit(s)
100	XA96.1	1 unit(s)
160	XA97.1	1 unit(s)



A121 °C

Membrane filters Polyamide

Sartorius. Material: Nylon, hydrophilic. Autoclavable: Yes.

Good chemical resistance to alkaline solutions and organic solvents. Relatively high non-specific adsorption.

- Membrane thickness: 115 µm
- Colour: white

Application examples:

Removal of particulates from aqueous solutions and solvents.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,2	25	1C0L.1	100 unit(s)
0,2	47	1C0N.1	100 unit(s)
0,2	50	1C0P.1	100 unit(s)
0,2	90	1C0T.1	25 unit(s)
0,45	25	1C0X.1	100 unit(s)
0,45	47	1C0Y.1	100 unit(s)
0,45	50	1C10.1	100 unit(s)
0,45	90	1C11.1	25 unit(s)

Membrane filters



A 121 °C

Membrane filters Polyethersulfone

Sartorius. Material: PES, hydrophilic. Autoclavable: Yes.

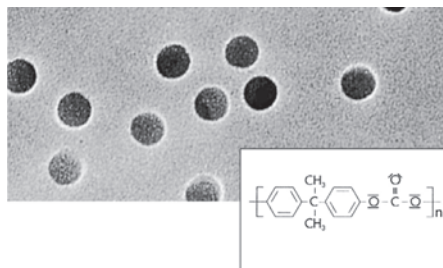
High throughput, low protein adsorption, low content of extractable substances.

- Membrane thickness: 150 µm
- Colour: white
- Temperature-stable up to 180 °C

Application examples:

Filtration of aqueous solutions and proteins, sample preparation in environmental analytics.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
0,1	25	1C1A.1	100 unit(s)	
0,1	47	1C1C.1	100 unit(s)	
0,1	50	1C1E.1	100 unit(s)	
0,2	25	1C1H.1	100 unit(s)	
0,2	47	1C1K.1	100 unit(s)	
0,2	50	1C1L.1	100 unit(s)	
0,2	90	1C1N.1	50 unit(s)	
0,45	25	1C1P.1	100 unit(s)	
0,45	47	1C1T.1	100 unit(s)	
0,45	50	1C1X.1	100 unit(s)	



A 121 °C

Membrane filters Track-etched polycarbonate

Sartorius. Material: PC, hydrophilic. Autoclavable: Yes.

For filtration of aqueous solutions or gases.

Uniform and precise capillary pore structure thanks to the track-etching technique. Suitable for applications in which particulates need to be retained on the membrane surface or for the fractionation of particulates.

- Membrane thickness: 25 µm
- Colour: white
- Temperature-stable up to 140 °C

Application examples:

Particulate analysis, epifluorescence microscopy, fluid clarification, cytology, cell biology, water microbiology and environmental analysis.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
0,1	25	1C12.1	100 unit(s)	
0,1	47	1C13.1	100 unit(s)	
0,2	25	1C14.1	100 unit(s)	
0,2	47	1C15.1	100 unit(s)	
0,2	50	1C16.1	100 unit(s)	
0,4	25	1C17.1	100 unit(s)	
0,4	47	1C18.1	100 unit(s)	
0,8	25	1C19.1	100 unit(s)	



Membrane filters



A 121 °C

Membrane filters PTFE

Sartorius. Material: Hydrophobic PTFE. Autoclavable: Yes.

Outstanding chemical resistance.

For hydrophilic media, priming with ethanol or methanol is necessary to make the membrane permeable to aqueous liquids.

- Membrane thickness: 65 - 100 µm
- Colour: white

Application examples:

Filtration of air, gases and chemicals.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
0,2	25	1C1Y.1	100 unit(s)	
0,2	47	1C20.1	100 unit(s)	
0,2	50	1C21.1	100 unit(s)	
0,2	90	1C22.1	25 unit(s)	
5	25	1C2C.1	100 unit(s)	
5	47	1C2E.1	25 unit(s)	
5	50	1C2H.1	100 unit(s)	
1,2	25	1C27.1	100 unit(s)	
1,2	47	1C28.1	100 unit(s)	
1,2	50	1C29.1	100 unit(s)	
1,2	90	1C2A.1	25 unit(s)	
0,45	25	1C23.1	100 unit(s)	
0,45	47	1C24.1	100 unit(s)	
0,45	50	1C25.1	100 unit(s)	
0,45	90	1C26.1	25 unit(s)	



A 121 °C

Membrane filters cellulose acetate

Sartorius. Material: CA, hydrophilic. Autoclavable: Yes.

For filtration of aqueous solutions or gases. High throughput, good thermal and chemical resistance (pH 4-8), low adsorption. Suitable for pressure filtration.

- Membrane thickness: 120 – 140 µm
- Colour: white
- Temperature stable up to 180 °C

Application examples:

Analytical sample preparation, clear filtration.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
0,2	25	1AX8.1	100 unit(s)	
0,2	47	1AX9.1	100 unit(s)	
0,2	50	1AXA.1	100 unit(s)	
0,2	90	1AXC.1	25 unit(s)	
5	25	1AY6.1	100 unit(s)	
5	47	1AY7.1	100 unit(s)	
0,8	25	1AXY.1	100 unit(s)	
0,8	47	1AY0.1	100 unit(s)	
0,8	50	1AY1.1	100 unit(s)	
0,8	90	1AY2.1	100 unit(s)	
1,2	25	1AY3.1	100 unit(s)	
1,2	47	1AY4.1	100 unit(s)	
1,2	50	1AY5.1	100 unit(s)	
0,45	25	1AXE.1	100 unit(s)	
0,45	47	1AXH.1	100 unit(s)	
0,45	50	1AXK.1	100 unit(s)	
0,45	90	1AXL.1	25 unit(s)	
0,65	25	1AXN.1	100 unit(s)	
0,65	47	1AXP.1	100 unit(s)	
0,65	50	1AXT.1	100 unit(s)	
0,65	90	1AXX.1	25 unit(s)	

Membrane filters



A 121 °C

Membrane filters cellulose nitrate mixed ester

Sartorius. Material: CME, hydrophilic. Autoclavable: Yes.

Composed of cellulose nitrate and a small content of cellulose acetate. For filtration of aqueous solutions or gases.

- Membrane thickness: 130 µm
- Colour: white
- Temperature stable up to 130 °C

Application examples:

Analytical sample preparation, clear filtration, particulate analysis.

Danger H228

0.22 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,22	25	1AY8.1	100 unit(s)

0.22 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,22	47	1AY9.1	100 unit(s)

0.45 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,45	25	1AYA.1	100 unit(s)

0.45 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,45	47	1AYC.1	100 unit(s)

0.45 µm, Ø 50 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,45	50	1AYE.1	100 unit(s)

0.45 µm, Ø 90 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,45	90	1AYH.1	100 unit(s)

0.65 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,65	25	1AYK.1	100 unit(s)

0.65 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,65	47	1AYL.1	100 unit(s)

0.65 µm, Ø 50 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,65	50	1AYN.1	100 unit(s)

0.8 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,8	25	1AYP.1	100 unit(s)

0.8 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,8	47	1AYT.1	100 unit(s)

0.8 µm, Ø 50 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,8	50	1AYX.1	100 unit(s)

0.8 µm, Ø 90 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
0,8	90	1AYY.1	25 unit(s)

1.2 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
1,2	25	1C00.1	100 unit(s)

1.2 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
1,2	47	1C01.1	100 unit(s)

1.2 µm, Ø 50 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
1,2	50	1C02.1	100 unit(s)

1.2 µm, Ø 90 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
1,2	90	1C03.1	25 unit(s)

3 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
3	25	1C04.1	100 unit(s)

3 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
3	47	1C05.1	100 unit(s)

3 µm, Ø 50 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
3	50	1C06.1	100 unit(s)

3 µm, Ø 90 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
3	90	1C07.1	25 unit(s)

5 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
5	25	1C08.1	100 unit(s)

5 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
5	47	1C09.1	100 unit(s)

5 µm, Ø 50 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.
5	50	1C0A.1	100 unit(s)



Membrane filters

5 µm, Ø 90 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
5	90	1C0C.1	25 unit(s)	

8 µm, Ø 25 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
8	25	1C0E.1	100 unit(s)	

8 µm, Ø 47 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
8	47	1C0H.1	100 unit(s)	

8 µm, Ø 50 mm

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
8	50	1C0K.1	100 unit(s)	



A 121 °C

Membrane filters regenerated cellulose

Sartorius. Material: RC, hydrophilic, reinforced with cellulose nonwoven fabric. Autoclavable: Yes.

High resistance to aqueous and organic solvents (pH 3-12), low non-specific adsorption.

- Membrane thickness: 170 µm
- Colour: white
- Temperature stable up to 180 °C

Application examples:

Removal of particulates from solvents, purification and degassing of solutions for HPLC.

Pore size (µm)	Ø (mm)	Art. No.	Pack Qty.	
0,2	25	1C2K.1	100 unit(s)	
0,2	47	1C2L.1	100 unit(s)	
0,2	50	1C2N.1	100 unit(s)	
0,45	25	1C2P.1	100 unit(s)	
0,45	47	1C2T.1	100 unit(s)	
0,45	50	1C2X.1	100 unit(s)	



Glass fibre round filters ROTILABO®

ROTH SELECTION. Material: Borosilicate glass fibres, 100%.

Free from binding agent, with fast flow rates, high load-capacity and exceptional retention. Max. application temperature 500 °C.

Type: CR259

Filtration speed according to Herzberg: 60 s. Surface weight: 52 g/m². Retention range :1.6 µm. Thickness: 0.26 mm

Type	Ø (mm)	Art. No.	Pack Qty.	
CR259	25	HTK7.1	100 unit(s)	
CR259	47	HTK8.1	100 unit(s)	
CR259	55	HTK9.1	100 unit(s)	
CR259	70	HTL0.1	100 unit(s)	
CR259	90	HTL1.1	100 unit(s)	
CR259	110	HTL2.1	100 unit(s)	
CR259	125	HTL3.1	100 unit(s)	
CR259	150	HTL4.1	100 unit(s)	

Type: CR261

Filtration speed according to Herzberg: 100 s. Surface weight: 52 g/m². Retention range: up to 1.2 µm. Thickness: 0.26 mm

Type	Ø (mm)	Art. No.	Pack Qty.	
CR261	25	HTN2.1	100 unit(s)	
CR261	47	HTN3.1	100 unit(s)	
CR261	55	HTN5.1	100 unit(s)	
CR261	70	HTN6.1	100 unit(s)	
CR261	90	HTN7.1	100 unit(s)	
CR261	110	HTN8.1	100 unit(s)	
CR261	125	HTN9.1	100 unit(s)	
CR261	150	HTP0.1	100 unit(s)	

Type: CR262

Filtration speed according to Herzberg: 30 s. Surface weight: 120 g/m². Retention range: up to 2.7 µm. Thickness: 0.53 mm

Type	Ø (mm)	Art. No.	Pack Qty.	
CR262	47	HTP1.1	50 unit(s)	
CR262	70	HTP2.1	50 unit(s)	
CR262	90	HTP3.1	50 unit(s)	

Type: CR263

Filtration speed according to Herzberg: 310 s. Surface weight: 75 g/m². Retention range: up to 0.7 µm. Thickness: 0.45 mm

Type	Ø (mm)	Art. No.	Pack Qty.	
CR263	47	HTP5.1	100 unit(s)	
CR263	70	HTP6.1	100 unit(s)	
CR263	90	HTP7.1	50 unit(s)	
CR263	110	HTP8.1	50 unit(s)	

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
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

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
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
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