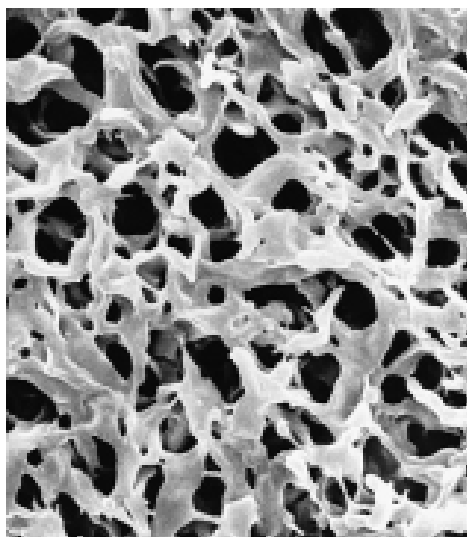


МЕМБРАННЫЕ ФИЛЬТРЫ DURAPORE



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
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
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 +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://millipore.nt-rt.ru> || <mailto:mer@nt-rt.ru>

Durapore® Membrane Filters

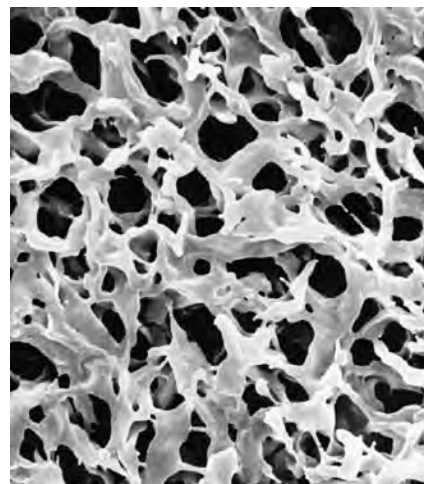
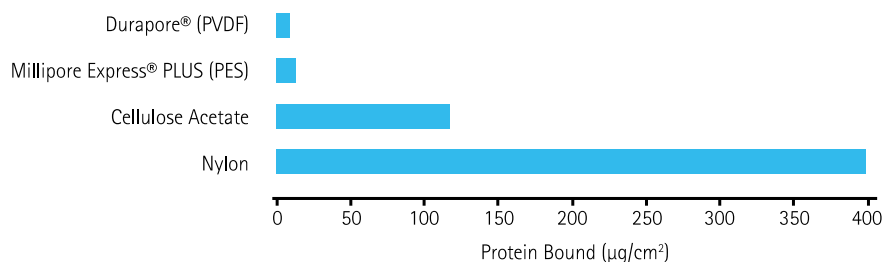
Polyvinylidene fluoride (PVDF)

Durapore® membranes provide high flow rates and throughput, low extractables and broad chemical compatibility. Hydrophilic Durapore® membrane binds far less protein than nylon, nitrocellulose, or PTFE membranes.

Features & Benefits

- Available in several pore sizes (both hydrophilic and hydrophobic varieties) to suit your application needs
- Durapore® membrane filters have very low protein binding to minimize interaction with your sample and maximize recovery

Product Performance



Lowest protein binding with Durapore® PVDF membrane. Membrane disks with a 0.22 µm pore size were exposed to a 1 mg/mL solution of ¹²⁵I-labeled IgG. The chart shows protein binding after incubation (normalized to membrane surface area).

Specifications

Color	White
Surface	Plain
Wettability	Hydrophilic or hydrophobic
Sterilization	Ethylene oxide, gamma irradiation, autoclavable (121 °C at 1 bar)
Operating Temperature	85 °C maximum
Thickness	125 µm
Bacterial Endotoxins	0.5 EU/mL
Gravimetric Extractables	<0.5%

Detailed Specifications

Applications	Filter Code ¹	Pore Size (µm)	Wettability	Bubble Point (psi)	Water Flow Rate ² (mL/min/cm²)	Typical Air Flow ³ (L/min/cm²)	Protein Binding (µg/cm²)
Mycoplasma reduction in biological solutions	WVLP	0.1	Hydrophilic	≥75 psi, air with water	>4	-	4
Sterilizing filtration of biological solutions	GVWP	0.22	Hydrophilic	≥50 psi, air with water	>12	-	4
Clarifying filtration of biological solutions	HVLP	0.45	Hydrophilic	≥22 psi, air with water	>34	-	4
Clarifying filtration of biological solutions	DVPP	0.65	Hydrophilic	≥15 psi, air with water	>78	-	4
Clarifying filtration of biological solutions, particle monitoring	SVLP	5.0	Hydrophilic	≥3 psi, air with water	>208	-	4
Air sterilization, gas sterilization	VVHP	0.1	Hydrophobic	≥26 psi, air with methanol	-	0.9	150
Air sterilization, gas sterilization, solvent filtration	GVHP	0.22	Hydrophobic	≥18 psi, air with methanol	-	1.7	150
Air clarification, gas filtration, solvent filtration	HVHP	0.45	Hydrophobic	≥9 psi, air with methanol	-	4.9	150

¹Corresponds to first 4 digits of catalogue number.

²Water Flow Rate measured with 500 mL of water at 25 °C and 27.5 inHg vacuum through 47 mm disc.

³Air flow rate measured at 10 psi. Values represent typical performance and are not established specifications.

Ordering Information

Pore Size (µm)	Filter Diameter (mm)	Qty/Pk	Catalogue No.
Hydrophilic Durapore® Membrane Filters			
0.1	13	100	WLPO1300
0.1	25	100	WLPO2500
0.1	47	100	WLPO4700
0.1	90	50	WLPO9050
0.1	142	50	WLPO14250
0.22	13	100	GVWP01300
0.22	25	100	GVWP02500
0.22	47	100	GVWP04700
0.22	90	50	GVWP09050
0.22	100	50	GVWP10050
0.22	142	50	GVWP14250
0.45	13	100	HVLP01300
0.45	25	100	HVLP02500
0.45	47	100	HVLP04700
0.45	90	50	HVLP09050
0.45	304 mm x 3 m	1	HVLP00010
0.65	13	100	DVPP01300
0.65	25	100	DVPP02500
0.65	47	100	DVPP04700
0.65	82	50	DVPP08250
0.65	90	50	DVPP09050
0.65	142	50	DVPP14250
0.65	293	25	DVPP29325

Pore Size (µm)	Filter Diameter (mm)	Qty/Pk	Catalogue No.
5.0	13	100	SVLP01300
5.0	13	100	SVLP01300
5.0	25	100	SVLP02500
5.0	47	100	SVLP04700
5.0	75	50	SVLP07550
5.0	47	100	SVWG04700
5.0	90	50	SVLP09050
Hydrophobic Durapore® Membrane Filters			
0.1	47	100	WVHP04700
0.22	13	100	GVHP01300
0.22	25	100	GVHP02500
0.22	47	100	GVHP04700
0.22	90	50	GVHP09050
0.22	142	50	GVHP14250
0.22	304 mm x 3 m	1	GVHP00010
0.45	13	100	HVHP01300
0.45	25	100	HVHP02500
0.45	47	100	HVHP04700
0.45	90	50	HVHP09050
0.45	142	50	HVHP14250

Accessory

Filter Forceps, blunt end, stainless steel	3	XX6200006P
--	---	------------

*The membrane disc (cat. no. SVWG04700) has a gridded surface.

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
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
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 +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://millipore.nt-rt.ru> || <mailto:mer@nt-rt.ru>