

Puradisc™ syringe filters combine premium quality and economy. They are ideal for the quick, efficient filtration of samples up to 100 ml volume.

Puradisc filters are produced from pigment-free polypropylene or polycarbonate with standard inlet (female luer lock) and outlet (male luer) connections (unless otherwise stated). Options include a sterile, medical-grade blister pack for critical applications and a special tube tip outlet that allows the sample to be accurately dispensed into a micro-vial, eliminating air lock.

Features and benefits

- Pigment-free polypropylene (polycarbonate for Puradisc 30 and Aqua 30)
- Standard inlet and outlet luer connectors
- Optional sterile, medical-grade blister pack
- Tube-tip format (optional) for accurate dispensing into a micro-vial
- Choice of membrane or glass microfiber filter media
- Choice of filter sizes (4 mm, 13 mm or 30 mm) to minimize sample loss
- Sterile option for critical applications
- Wide range of membranes



Puradisc 4 Syringe Filters

Puradisc 4

Features

- 4 mm diameter syringe filter
- Sample volume up to 2 ml
- Low hold-up volume < 10 µl ensures maximum sample recovery
- Tube-tip format (optional)

Applications

- HPLC samples containing low solid content – filtration will improve column life
- CE (Capillary Electrophoresis) samples – filtration will eliminate spurious peaks
- Sterile filtration of low volume samples
- UV/Vis samples – filter directly into cuvette using tube tip
- Refractometry – filter samples to prevent damage to instrument optics and improve accuracy of results
- Minimizing non-specific binding to membrane (due to small membrane size)



*Puradisc 13 Syringe Filters
with Tube Tip*

Puradisc 13

Features

- 13 mm diameter syringe filter
- Sample volume up to 10 ml
- Low hold-up volume < 25 μ l ensures maximum sample recovery
- Glass microfiber option available
- Tube-tip format (optional)

Applications

- Biological sample preparation
- HPLC sample preparation



Puradisc 25 Syringe Filters

Puradisc 25

Features

- 25 mm diameter syringe filter

- Sample volume up to 100 ml
- Low hold-up volumes for maximum sample recovery
- Glass microfiber option available

Applications

- HPLC aqueous sample preparation
- Biological sample preparation
- Buffer solutions
- Salt solutions
- Tissue culture media
- Irrigation solutions
- Sterile isolation



Puradisc 30 Syringe Filter

Puradisc 30

Features

- 30 mm diameter
- Larger filtration area (44% greater in comparison with 25 mm)
- Designed for aqueous samples

Applications

- Filtration of protein-containing solutions with minimal protein loss (CA membrane)
- Removal of cellular constituents from solution

Puradisc Aqua 30

Specifically designed for filtration of environmental samples prior to COD and DOC analysis. The membranes used in these devices are prewashed prior to assembly so as to reduce the organic carbon level.

Typical Data - Puradisc Syringe Filters				
	Puradisc 4	Puradisc 13	Puradisc 25	Puradisc 30/Aqua 30
Housing	Polypropylene	Polypropylene	Polypropylene	Polycarbonate
Filtration area	0.2 cm ²	1.3 cm ²	4.2 cm ²	5.7 cm ²
Maximum pressure	5.2 bar (75 psi)	5.2 bar (75 psi)	5.2 bar (75 psi)	6.9 bar (100 psi)
Volume 'Hold Up' full housing with air purge	< 10 µl	< 25 µl	< 100 µl	< 50 µl
Dimensions	10.1 x 23.5 mm	16.3 x 19.8 mm	22.9 x 28.4 mm	26 x 34 mm
Weight	0.55 g	0.95 g	2.7 g	4.7 g
Volume throughput	up to 2 ml	up to 10 ml	up to 100 ml	up to 100 ml
Inlet connection	Female luer lock	Female luer lock	Female luer lock	Female luer lock
Outlet connection	Male luer	Male luer	Male luer	Male luer
Sterilization	Autoclave at 121°C (131°C max)	Autoclave at 121°C (131°C max)	Autoclave at 121°C (131°C max)	Autoclave at 121°C (131°C max)

Ordering Information - Puradisc Syringe Filters	
Catalog Number	Description
6786-0402	Puradisc 4 Syringe Filter, sterile, 0.2 µm, nylon, 50/pk
6789-0402	Puradisc 4 Syringe Filter, 0.2 µm, nylon, 100/pk
6790-0402	Puradisc 4 Syringe Filter, 0.2 µm, nylon, 500/pk
6789-0404	Puradisc 4 Syringe Filter, 0.45 µm, nylon, 100/pk
6790-0404	Puradisc 4 Syringe Filter, 0.45 µm, nylon, 500/pk
6777-0402	Puradisc 4 Syringe Filter, with tube tip, 0.2 µm, PVDF, 50/pk
6791-0402	Puradisc 4 Syringe Filter, sterile 0.2 µm, PVDF, 50/pk
6779-0402	Puradisc 4 Syringe Filter, 0.2 µm, PVDF, 100/pk
6792-0402	Puradisc 4 Syringe Filter, 0.2 µm, PVDF, 500/pk
6777-0404	Puradisc 4 Syringe Filter, with tube tip, 0.45 µm, PVDF, 50/pk
6779-0404	Puradisc 4 Syringe Filter, 0.45 µm, PVDF, 100/pk
6792-0404	Puradisc 4 Syringe Filter, 0.45 µm, PVDF, 500/pk
6784-0402	Puradisc 4 Syringe Filter, 0.2 µm, PTFE, 100/pk
6783-0402	Puradisc 4 Syringe Filter, 0.2 µm, PTFE, 500/pk
6784-0404	Puradisc 4 Syringe Filter, 0.45 µm, PTFE, 100/pk
6783-0404	Puradisc 4 Syringe Filter, 0.45 µm, PTFE, 500/pk
6760-1302	Puradisc 13 Syringe Filter, with tube tip, 0.2 µm, PVDF, 500pk
6760-1304	Puradisc 13 Syringe Filter, with tube tip, 0.45 µm, PVDF, 500pk
6763-1304	Puradisc 13 Syringe Filter, 0.45 µm, cellulose acetate, 2000/pk

6765-1302	Puradisc 13 Syringe Filter, 0.2 µm, PVDF, 2000/pk
6765-1304	Puradisc 13 Syringe Filter, 0.45 µm, PVDF, 2000/pk
6766-1302	Puradisc 13 Syringe Filter, 0.2 µm, PTFE, 2000/pk
6766-1304	Puradisc 13 Syringe Filter, 0.45 µm, PTFE, 2000/pk
6768-1302	Puradisc 13 Syringe Filter, 0.2 µm, nylon, 2000/pk
6768-1304	Puradisc 13 Syringe Filter, 0.45 µm, nylon, 2000/pk
6771-1304	Puradisc 13 Syringe Filter, 0.45 µm, cellulose acetate, 100/pk
6775-1302	Puradisc 13 Syringe Filter, with tube tip, 0.2 µm, PTFE, 50/pk
6775-1304	Puradisc 13 Syringe Filter, with tube tip, 0.45 µm, PTFE, 50/pk
6777-1302	Puradisc 13 Syringe Filter, with tube tip, 0.2 µm, PVDF, 50/pk
6777-1304	Puradisc 13 Syringe Filter, with tube tip, 0.45 µm, PVDF, 50/pk
6778-1302	Puradisc 13 Syringe Filter, with tube tip, 0.2 µm, PVDF, 50/pk
6779-1302	Puradisc 13 Syringe Filter, 0.2 µm, PVDF, 100/pk
6779-1304	Puradisc 13 Syringe Filter, 0.45 µm, PVDF, 100/pk
6780-1302	Puradisc 13 Syringe Filter, sterile, 0.2 µm, polyethersulfone, 50/pk
6780-1304	Puradisc 13 Syringe Filter, sterile, 0.45 µm, polyethersulfone, 50/pk
6781-1304	Puradisc 13 Syringe Filter, 0.45 µm, polyethersulfone, 500/pk
6782-1302	Puradisc 13 Syringe Filter, 0.2 µm, polyethersulfone, 100/pk
6782-1304	Puradisc 13 Syringe Filter, 0.45 µm, polyethersulfone, 100/pk
6783-1302	Puradisc 13 Syringe Filter, 0.2 µm, PTFE, 500/pk
6783-1304	Puradisc 13 Syringe Filter, 0.45 µm, PTFE, 500/pk
6784-1301	Puradisc 13 Syringe Filter, 0.1 µm, PTFE, 100/pk
6784-1302	Puradisc 13 Syringe Filter, 0.2 µm, PTFE, 100/pk
6784-1304	Puradisc 13 Syringe Filter, 0.45 µm, PTFE, 100/pk
6784-1310	Puradisc 13 Syringe Filter, 1.0 µm, PTFE, 100/pk
6784-1350	Puradisc 13 Syringe Filter, 5.0 µm, PTFE, 100/pk
6785-1302	Puradisc 13 Syringe Filter, 0.2 µm, polypropylene, 500/pk
6785-1304	Puradisc 13 Syringe Filter, 0.45 µm, polypropylene, 500/pk
6786-1301	Puradisc 13 Syringe Filter, sterile 0.1 µm, nylon, 50/pk
6786-1302	Puradisc 13 Syringe Filter, sterile 0.2 µm, nylon, 50/pk
6788-1302	Puradisc 13 Syringe Filter, 0.2 µm, polypropylene, 100/pk
6788-1304	Puradisc 13 Syringe Filter, 0.45 µm, polypropylene, 100/pk
6789-1301	Puradisc 13 Syringe Filter, 0.1 µm, nylon, 100/pk
6789-1302	Puradisc 13 Syringe Filter, 0.2 µm, nylon, 100/pk

6790-1302	Puradisc 13 Syringe Filter, 0.2 µm, nylon, 500/pk
6789-1304	Puradisc 13 Syringe Filter, 0.45 µm, nylon, 100/pk
6790-1304	Puradisc 13 Syringe Filter, 0.45 µm, nylon, 500/pk
6791-1302	Puradisc 13 Syringe Filter, sterile 0.2 µm, PVDF, 50/pk
6791-1304	Puradisc 13 Syringe Filter, sterile 0.45 µm, PVDF, 50/pk
6792-1302	Puradisc 13 Syringe Filter, 0.2 µm, PVDF, 500/pk
6792-1304	Puradisc 13 Syringe Filter, 0.45 µm, PVDF, 500/pk
6796-1304	Puradisc 13 Syringe Filter, with tube tip, 0.45 µm, PVDF, 100/pk
6806-1316	Puradisc 13 Syringe Filter, 1.6 µm, GF/A, 500/pk
6816-1315	Puradisc 13 Syringe Filter, 1.5 µm, 934-AH, 2000/pk
6818-1304	Puradisc 13 Syringe Filter, 0.45 µm, GMF, 500/pk
6820-1316	Puradisc 13 Syringe Filter, 1.6 µm, GF/A, 100/pk
6821-1310	Puradisc 13 Syringe Filter, 1.0 µm, GF/B, 100/pk
6822-1312	Puradisc 13 Syringe Filter, 1.2 µm, GF/C, 100/pk
6823-1327	Puradisc 13 Syringe Filter, 2.7 µm, GF/D, 100/pk
6825-1307	Puradisc 13 Syringe Filter, 0.7 µm, GF/F, 100/pk
6827-1315	Puradisc 13 Syringe Filter, 1.5 µm, 934-AH, 100/pk
10462945	Puradisc FP 13 Syringe Filter, 0.2 µm, RC, sterile, 50/pk
10462940	Puradisc FP 13 Syringe Filter, 0.2 µm, RC, sterile with mini-tip, 50/pk
6746-2502	Puradisc 25 Syringe Filter, 0.2 µm, PVDF, 50pk
6746-2504	Puradisc 25 Syringe Filter, 0.45 µm, PVDF, 50pk
6747-2502	Puradisc 25 Syringe Filter, 0.2 µm, PVDF, 200/pk
6747-2504	Puradisc 25 Syringe Filter, 0.45 µm, PVDF, 200/pk
6749-2504	Puradisc 25 Syringe Filter, 0.45 µm, PVDF, 1000pk
6750-2502	Puradisc 25 Syringe Filter, 0.2 µm, nylon, 50/pk
6750-2504	Puradisc 25 Syringe Filter, 0.45 µm, nylon, 50/pk
6750-2510	Puradisc 25 Syringe Filter, 1.0 µm, nylon, 50/pk
6751-2502	Puradisc 25 Syringe Filter, 0.2 µm, nylon, 200/pk
6751-2504	Puradisc 25 Syringe Filter, 0.45 µm, nylon, 200/pk
6751-2510	Puradisc 25 Syringe Filter, 1.0 µm, nylon, 200/pk
6752-2504	Puradisc 25 Syringe Filter, 0.45 µm, nylon, 500/pk
6753-2502	Puradisc 25 Syringe Filter, 0.2 µm, nylon, 1000/pk
6753-2504	Puradisc 25 Syringe Filter, 0.45 µm, nylon, 1000/pk
6753-2510	Puradisc 25 Syringe Filter, 1.0 µm, nylon, 1000/pk

6759-2502	Puradisc 25 Syringe Filter, 0.2 µm, PES, 300/pk
6759-2504	Puradisc 25 Syringe Filter, 0.45 µm, PES, 300/pk
6780-2502	Puradisc 25 Syringe Filter, 0.2 µm, PES sterile, 50/pk
6780-2504	Puradisc 25 Syringe Filter, 0.45 µm, PES sterile, 50/pk
6780-2510	Puradisc 25 Syringe Filter, 1.0 µm, PES sterile, 50/pk
6781-2502	Puradisc 25 Syringe Filter, 0.2 µm, polyethersulfone, 200/pk
6781-2504	Puradisc 25 Syringe Filter, 0.45 µm, polyethersulfone, 200/pk
6781-2510	Puradisc 25 Syringe Filter, 1.0 µm, polyethersulfone, 200/pk
6783-2510	Puradisc 25 Syringe Filter, 1.0 µm, GD1, 100/pk
6783-2520	Puradisc 25 Syringe Filter, 2.0 µm, GD2, 100/pk
6784-2501	Puradisc 25 Syringe Filter, 0.1 µm, PTFE, 50/pk
6784-2502	Puradisc 25 Syringe Filter, 0.2 µm, PTFE, 50/pk
6784-2504	Puradisc 25 Syringe Filter, 0.45 µm, PTFE, 50/pk
6784-2510	Puradisc 25 Syringe Filter, 1.0 µm, PTFE, 50/pk
6785-2502	Puradisc 25 Syringe Filter, 0.2 µm, PTFE, 200/pk
6785-2504	Puradisc 25 Syringe Filter, 0.45 µm, PTFE, 200/pk
6786-2502	Puradisc 25 Syringe Filter, 0.2 µm, polypropylene, 50/pk
6786-2504	Puradisc 25 Syringe Filter, 0.45 µm, depth polypropylene, 50/pk
6787-2520	Puradisc 25 Syringe Filter, 0.7 µm, GF/F, 1000/pk
6788-2502	Puradisc 25 Syringe Filter, 0.2 µm, polypropylene, 200/pk
6788-2504	Puradisc 25 Syringe Filter, 0.45 µm, depth polypropylene, 200/pk
6790-2502	Puradisc 25 Syringe Filter, 0.2 µm, polypropylene, 1000/pk
6790-2504	Puradisc 25 Syringe Filter, 0.45 µm, depth polypropylene, 1000/pk
6792-2510	Puradisc 25 Syringe Filter, 1.0 µm, GD1, 1000/pk
6794-2502	Puradisc 25 Syringe Filter, 0.2 µm, polyethersulfone, 1000/pk
6794-2504	Puradisc 25 Syringe Filter, 0.45 µm, polyethersulfone, 1000/pk
6794-2510	Puradisc 25 Syringe Filter, 1.0 µm, polyethersulfone, 1000/pk
6794-2512	Puradisc 25 Syringe Filter, 0.2 µm, polyethersulfone, sterile 1000/pk
6794-2514	Puradisc 25 Syringe Filter, 0.45 µm, polyethersulfone, sterile 1000/pk
6798-2501	Puradisc 25 Syringe Filter, 0.1 µm, PTFE, 1000/pk
6798-2502	Puradisc 25 Syringe Filter, 0.2 µm, PTFE, 1000/pk
6798-2504	Puradisc 25 Syringe Filter, 0.45 µm, PTFE, 1000/pk
6798-2510	Puradisc 25 Syringe Filter, 1.0 µm, PTFE, 1000/pk
6825-2517	Puradisc 25 Syringe Filter, 0.7 µm, GF/F, 50/pk

6825-2527	Puradisc 25 Syringe Filter, 0.7 µm, GF/F, 200/pk
10462000	Puradisc 30 Syringe Filter, cellulose nitrate, 5.0 µm, sterile, 50/pk
10462100	Puradisc 30 Syringe Filter, cellulose acetate, 0.45 µm, sterile, 50/pk
10462200	Puradisc 30 Syringe Filter, cellulose acetate, 0.2 µm, sterile, 50/pk
10462205	Puradisc 30 Syringe Filter, cellulose acetate, 0.2 µm, luer-lock outlet, sterile, 50/pk
10462206	Puradisc 30 Syringe Filter, cellulose acetate, 0.2 µm, luer-lock outlet, 500/pk
10462240	Puradisc 30 Syringe Filter, cellulose acetate, 0.8 µm, sterile, 50/pk
10462241	Puradisc 30 Syringe Filter, cellulose acetate, 0.8 µm, 50/pk
10462243	Puradisc 30 Syringe Filter, cellulose acetate, 0.8 µm, 500/pk
10462260	Puradisc 30 Syringe Filter, cellulose acetate 1.2 µm, sterile, 50/pk
10462261	Puradisc 30 Syringe Filter, cellulose acetate, 1.2 µm, 50/pk
10462263	Puradisc 30 Syringe Filter, cellulose acetate, 1.2 µm, 500/pk
10462500	Puradisc 30 Syringe Filter, cellulose nitrate, 5.0 µm, 500/pk
10462510	Puradisc 30 Syringe Filter, cellulose nitrate, 5.0 µm, 100/pk
10462520	Puradisc 30 Syringe Filter, cellulose nitrate, 5.0 µm, 50/pk
10462600	Puradisc 30 Syringe Filter, cellulose acetate, 0.45 µm, 500/pk
10462601	Puradisc 30 Syringe Filter, cellulose acetate, 0.45 µm, 50/pk
10462610	Puradisc 30 Syringe Filter, cellulose acetate, 0.45 µm, 100/pk
10462700	Puradisc 30 Syringe Filter, cellulose acetate, 0.2 µm, 500/pk
10462701	Puradisc 30 Syringe Filter, cellulose acetate, 0.2 µm, 50/pk
10462710	Puradisc 30 Syringe Filter, cellulose acetate, 0.2 µm, 100/pk
10462300	Puradisc FP 30, PTFE, 0.2 µm, sterile, 50/pk
10462800	Puradisc FP 30, PTFE, 0.2 µm, 500/pk
10462960	Puradisc FP 30, RC, 0.2 µm, sterile, 50/pk
10462950	Puradisc FP 30, RC, 0.45 µm, sterile, 50/pk
10462650	Puradisc Aqua 30 Syringe Filter, cellulose acetate, 0.45 µm, 500/pk
10462655	Puradisc Aqua 30 Syringe Filter, cellulose acetate, 0.45 µm, 100/pk
10462656	Puradisc Aqua 30 Syringe Filter, cellulose acetate, 0.45 µm, 50/pk