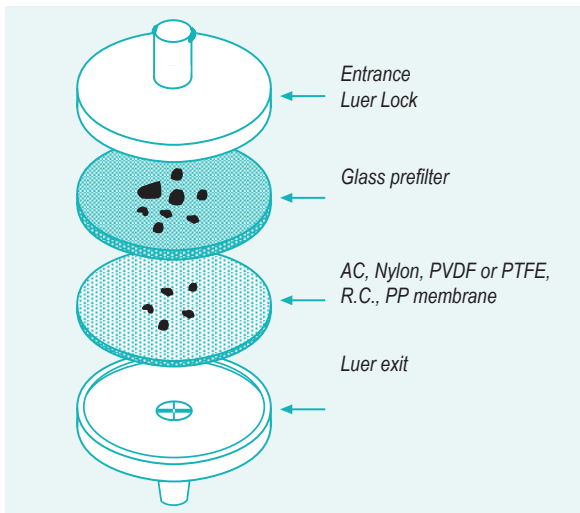


Tk Certified Olimpeak™ Syringe Filters

Filter with Glass prefilter New Certified Olimpeak™ Syringe and Polypropylene Housing



- Teknokroma offers a wide range of syringe filters with a Glass Microfiber membrane used as pre-filter.
- The Glass pre-filter is mounted before the microporous filter membrane. This combination eliminates the need for a pre-filtration step, minimizes sample loss, and prolongs the life of membrane.
- Flow rates are increased and filtrate volume is significantly greater when compared to filters with no pre-filter.
- Regenerated Cellulose membrane with the GMF membrane as a prefilter, is especially useful for tissue culture media filtration, as well as for general biological sample filtration.
- These filters are ideal for general laboratory filtration of samples that contain an excessive amount of particulates.
- The glass pre-filter removes the larger particulates and prevents premature clogging of the filter membrane.

Reference	Pore	Description	Housing	Pk
TR-200100G	0.45 µm	Nylon/Glass fibre 1 µm	PP	100
TR-200101G	0.2 µm	Nylon/Glass fibre 1 µm	PP	100
TR-200102G	0.45 µm	PTFE/Glass fibre 1 µm	PP	100
TR-200103G	0.2 µm	PTFE/Glass fibre 1 µm	PP	100
TR-200111G	0.45 µm	PP/Glass fibre 1 µm	PP	100
TR-200112G	0.2 µm	PP/Glass fibre 1 µm	PP	100
TR-200445G	0.45 µm	RC/Glass fibre 1 µm	PP	100
TR-200440G	0.2 µm	RC/Glass fibre 1 µm	PP	100
TR-200104G	0.45 µm	M.E.C/Glass fibre 1 µm	PP	100
TR-200105G	0.2 µm	M.E.C/Glass fibre 1 µm	PP	100
TR-200106G	0.45 µm	PVDF/Glass fibre 1 µm	PP	100
TR-200107G	0.2 µm	PVDF/Glass fibre 1 µm	PP	100
TR-200406G	0.45 µm	CA/Glass fibre 1 µm	PP	100
TR-200407G	0.20 µm	CA/Glass fibre 1 µm	PP	100
TR-200401G	0.45 µm	PES/Glass fibre 1 µm	PP	100
TR-200402G	0.20 µm	PES/Glass fibre 1 µm	PP	100
TR-200480G	0.45 µm	NC/Glass fibre 1 µm	PP	100
TR-200482G	0.20 µm	NC/Glass fibre 1 µm	PP	100

Target Syringe Filters (4mm Diameter)



- Assured quality - each lot independently tested for physical properties and membrane tested for UV extractables.
- Secure Luer Lok inlet
- Solvent resistant, low extractables polypropylene housing.

Reference	Description	Pore	Pk
CC-F2504-1	Nylon 4 mm D	0.45 µm	100
CC-F2504-2	Nylon 4 mm D	0.20 µm	100
CC-F2504-3	PTFE 4 mm D	0.45 µm	100
CC-F2504-4	PTFE 4 mm D	0.20 µm	100
CC-F2504-5	PVDF 4 mm D	0.45 µm	100
CC-F2504-6	PVDF 4 mm D	0.20 µm	100
CC-F2504-7	Regenerated Cellulose 4 mm D	0.45 µm	100
CC-F2504-8	Regenerated Cellulose 4 mm D	0.20 µm	100
CC-F2504-9	Polypropylene 4 mm D	0.45 µm	100
CC-F2504-10	Polypropylene 4 mm D	0.20 µm	100
CC-F2504-15	Cellulose Acetate 4 mm D	0.45 µm	100
CC-F2504-16	Cellulose Acetate 4 mm D	0.20 µm	100

Target Syringe Filter with polyethersulfone (PES) membrane



- Provides high flow rates and good throughput volum. Low protein binding and can be used with high temperature liquids.
- Good to excellent flow rate. PES is certified for Ion Chromatography.

PES Certified for Ion Chromatography

Reference	Description	Pore	Pk
CC-F2513-14	PES (polyethersulfone), 17 mm	0.45 µm	100
CC-F2513-17	PES (polyethersulfone), 17 mm	0.20 µm	100
CC-F2500-14	PES (polyethersulfone), 30 mm	0.45 µm	100
CC-F2500-17	PES (polyethersulfone), 30 mm	0.20 µm	100

Certified Olimpeak™ Syringe Filters **Tk**

Target Syringe Filters with Glass microfiber membrane



- GMB membranes are commonly used as pre-filters to remove large particulates and to extend the load capacity of the membrane.
- Membrane of choice for dissolution test.

Glass Microfiber GMF

Reference	Description	Pore	Pk
CC-F2500-18	GMF Glass Microfiber, 30 mm	0.70 µm	100
CC-F2500-19	GMF Glass Microfiber, 30 mm	1.20 µm	100
CC-F2500-20	GMF Glass Microfiber, 30 mm	3.10 µm	100

Target Syringe Filters 30 mm Diameter

Reference	Membrane	Pore	Diameter	Pk
CC-F2500-1	Nylon	0.45 µm	30 mm	100
CC-F2500-2	Nylon	0.20 µm	30 mm	100
CC-F2500-3	PTFE	0.45 µm	30 mm	100
CC-F2500-4	PTFE	0.20 µm	30 mm	100
CC-F2500-13	PTFE	1.00 µm	30 mm	100
CC-F2500-5	PVDF	0.45 µm	30 mm	100
CC-F2500-6	PVDF	0.20 µm	30 mm	100
CC-F2500-7	Regenerated Cellulose	0.45 µm	30 mm	100
CC-F2500-8	Regenerated Cellulose	0.20 µm	30 mm	100
CC-F2500-9	Polypropylene	0.45 µm	30 mm	100
CC-F2500-10	Polypropylene	0.20 µm	30 mm	100
CC-F2500-15	Cellulose Acetate	0.45 µm	30 mm	100
CC-F2500-16	Cellulose Acetate	0.20 µm	30 mm	100

Target Syringe Filters 17 mm Diameter

Reference	Membrane	Pore	Diameter	Pk
CC-F2513-1	Nylon	0.45 µm	17 mm	100
CC-F2513-2	Nylon	0.20 µm	17 mm	100
CC-F2513-3	PTFE	0.45 µm	17 mm	100
CC-F2513-4	PTFE	0.20 µm	17 mm	100
CC-F2513-5	PVDF	0.45 µm	17 mm	100
CC-F2513-6	PVDF	0.20 µm	17 mm	100
CC-F2513-7	Regenerated Cellulose	0.45 µm	17 mm	100
CC-F2513-8	Regenerated Cellulose	0.20 µm	17 mm	100
CC-F2513-9	Polypropylene	0.45 µm	17 mm	100
CC-F2513-10	Polypropylene	0.20 µm	17 mm	100
CC-F2513-14	Polyethersulfone	0.45 µm	17 mm	100
CC-F2513-17	Polyethersulfone	0.20 µm	17 mm	100
CC-F2513-15	Cellulose Acetate	0.45 µm	17 mm	100
CC-F2500-16	Cellulose Acetate	0.20 µm	17 mm	100

750 µL Micro-Centrifugal Filters - Nonsterile



- Filter volumes as low as 50 µl up to 750 µl with low hold-up volume
- Use with any laboratory microcentrifuge
- Virgin polypropylene filter housing with tapered 2 mL, capped receiver tube

750 µL Micro-Centrifugal Filters - Nonsterile

Reference	Membrane	Pore	Pk
CC-F2517-1	Cellulose Acetate	0.22 µm	100
CC-F2517-2	Cellulose Acetate	0.45 µm	100
CC-F2517-3	Nylon	0.2 µm	100
CC-F2517-4	Nylon	0.45 µm	100

2 mL Micro-Centrifugal Filters - Nonsterile



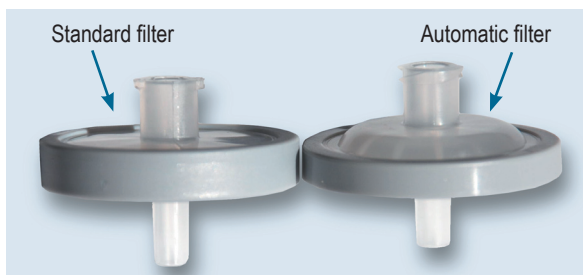
- Filter sample volumes up to 2 mL
- Virgin Polypropylene filter housing with tapered 5mL, capped receiver tube
- Use with benchtop or floor model centrifuges
- 500xG maximum centrifugal force

2mL Micro-Centrifugal Filters - Nonsterile

Reference	Membrane	Pore	Pk
CC-F2520-1	Cellulose Acetate	0.22 µm	25
CC-F2520-2	Cellulose Acetate	0.45 µm	25
CC-F2520-3	Nylon	0.2 µm	25
CC-F2520-4	Nylon	0.45 µm	25

TK Certified Olimpeak™ Syringe Filters

New Certified AUTOMATIC OlimPeak Filter for automatic equipments

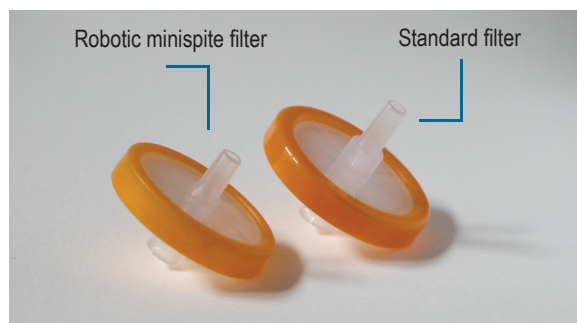


Automatic filter difference

- This filter units are the newest development of Teknokroma filter for automatic equipments.
- The design of this filter is the same than the Robotic Filter except that the upper side is vault shaped.
- The inlet is a female luer Screw ant the outlet is a male luer Minispike.

Certified Olimpeak™ Filters for Automatic Equipments

Reference	Membrane	Pore	Housing	Pk
TR-200000A	Glass	1.00 µm	PP	1000
TR-200100A	Nylon	0.45 µm	PP	1000
TR-200101A	Nylon	0.20 µm	PP	1000
TR-200102A	PTFE	0.45 µm	PP	1000
TR-200103A	PTFE	0.20 µm	PP	1000
TR-200104A	M.E.Cellulose	0.45 µm	PP	1000
TR-200105A	M.E.Cellulose	0.20 µm	PP	1000
TR-200106A	PVDF	0.45 µm	PP	1000
TR-200107A	PVDF	0.20 µm	PP	1000
TR-200111A	Polypropylene	0.45 µm	PP	1000
TR-200112A	Polypropylene	0.20 µm	PP	1000
TR-200440A	Regenerated Cellulose	0.45 µm	PP	1000
TR-200445A	Regenerated Cellulose	0.20 µm	PP	1000
TR-200480A	Nitrocellulose	0.45 µm	PP	1000
TR-200482A	Nitrocellulose	0.20 µm	PP	1000
TR-200406A	Cellulose Acetate	0.45 µm	PP	1000
TR-200407A	Cellulose Acetate	0.20 µm	PP	1000
TR-200401A	Polyethersulfone	0.45 µm	PP	1000
TR-200402A	Polyethersulfone	0.20 µm	PP	1000



Robotic filter difference

Certified Olimpeak™ Filters for Robotic Equipments



- Teknokroma has developed new filters to use with robotic apparatus
- They are available in 25 mm D.
- The inlet is a female "Luer Lock" and the outlet is a male luer "Minispike".
- Pore size is 0.45 or 0.20 µm for the following membranes: Nylon, PVDF, PTFE, M.E. Cellulose, PP, Regenerated Cellulose, Cellulose Acetate Nitrocellulose, PES
- For the Glass Microfibre, the pore size is 1.0 µm
- The robotic filters are under strict quality control for reliable performance.
- Each pack contains 1000 units.
- All these filters can be adapted to automatic equipments as Sotax, Zymark, etc.
- The Glass membrane is the good choice for dissolution test.

Reference	Membrane	Pore	Housing	Pk
TR-200000R	Glass	1.00 µm	PP	1000
TR-200100R	Nylon	0.45 µm	PP	1000
TR-200101R	Nylon	0.20 µm	PP	1000
TR-200102R	PTFE	0.45 µm	PP	1000
TR-200103R	PTFE	0.20 µm	PP	1000
TR-200104R	M.E.Cellulose	0.45 µm	PP	1000
TR-200105R	M.E.Cellulose	0.20 µm	PP	1000
TR-200106R	PVDF	0.45 µm	PP	1000
TR-200107R	PVDF	0.20 µm	PP	1000
TR-200111R	Polypropylene	0.45 µm	PP	1000
TR-200112R	Polypropylene	0.20 µm	PP	1000
TR-200440R	Regenerated Cellulose	0.45 µm	PP	1000
TR-200445R	Regenerated Cellulose	0.20 µm	PP	1000
TR-200480R	Nitrocellulose	0.45 µm	PP	1000
TR-200482R	Nitrocellulose	0.20 µm	PP	1000
TR-200406R	Cellulose Acetate	0.45 µm	PP	1000
TR-200407R	Cellulose Acetate	0.20 µm	PP	1000
TR-200401R	Polyethersulfone	0.45 µm	PP	1000
TR-200402R	Polyethersulfone	0.20 µm	PP	1000