

Filtres Seringue Pour Robots



SYRINGE FILTERS FOR AUTOMATIC EQUIPMENTS

- Teknokroma has developed the new filters to be used in robotic apparatus
- They are available in 25 mm D.
- The entrance is female "Luer Lock" and the male is "minispike".
- The pore size is 0.45 and 0.20 μm for the following membranes: Nylon, PVDF, PTFE, M.E. Cellulose, PP, Regenerated Cellulose, Nitrocellulose. For the Glass Microfiber, the pore size is 1.0 μm

The robot's filter are high quality. They have a manufacturing process and housing processes that avoid leaks for samples or solvents.

- The robotic filters are under guarantee controls and give reproducible results .
- The packs contain 1.000 units.
- All these filters can be adapted to automatic equipments as Sotax, Zymark, etc.
- The Glass Microfiber (GMF) membrane is the good choice for dissolution test.

Reference	Description	Pore	Housing	Pk
TR-200000R	Glass Microfiber (GMF)-grey	1,00 μm	PP	1.000
TR-200100R	Nylon - green	0,45 μm	PP	1.000
TR-200101R	Nylon - light green	0,20 μm	PP	1.000
TR-200102R	PTFE - blue	0,45 μm	PP	1.000
TR-200103R	PTFE - light blue	0,20 μm	PP	1.000
TR-200104R	M.E.Cellulose - yellow	0,45 μm	PP	1.000
TR-200105R	M.E.Cellulose - light yellow	0,20 μm	PP	1.000
TR-200106R	PVDF - red	0,45 μm	PP	1.000
TR-200107R	PVDF- rose	0,20 μm	PP	1.000
TR-200111R	Polypropylene - white	0,45 μm	PP	1.000
TR-200112R	Polypropylene - natural	0,20 μm	PP	1.000
TR-200445R	Regenerate Cellulose - brown	0,45 μm	PP	1.000
TR-200440R	Regenerate Cellulose - beige	0,20 μm	PP	1.000
TR-200480R	Nitrocellulose - pistachio	0,45 μm	PP	1.000
TR-200406R	Cellulose Acetate - orange	0,45 μm	PP	1.000
TR-200407R	Cellulose Acetate - light orange	0,20 μm	PP	1.000

Reference	Description	Pore	Housing	Pk
TR-200101 GR	Nylon + Glass - Light green	0,20 μm	PP	1.000
TR-200100 GR	Nylon + Glass - Green	0,45 μm	PP	1.000
TR-200103 GR	PTFE + Glass - Light blue	0,20 μm	PP	1.000
TR-200102 GR	PTFE + Glass - Blue	0,45 μm	PP	1.000
TR-200105 GR	M.E. Cellulose + Glass - Light yellow	0,20 μm	PP	1.000
TR-200104 GR	M.E. Cellulose + Glass - yellow	0,45 μm	PP	1.000
TR-200107 GR	PVDF + Glass - Rose	0,20 μm	PP	1.000
TR-200106 GR	PVDF + Glass - Red	0,45 μm	PP	1.000
TR-200112 GR	Polypropylene + Glass - Natural	0,20 μm	PP	1.000
TR-200111 GR	M.E. Cellulose + Glass - White	0,45 μm	PP	1.000
TR-200440 GR	Regenerated Cellulose - Glass-Brown	0,20 μm	PP	1.000
TR-200445 GR	Regenerated Cellulose Glass-Beige	0,45 μm	PP	1.000
TR-200480 GR	Nitrocellulose + Glass - Pistachio	0,45 μm	PP	1.000
TR-200406 GR	Cellulose Acetate - Orange	0,45 μm	PP	1.000
TR-200407 GR	Cellulose Acetate - Light orange	0,20 μm	PP	1.000

FILTRE TITAN / L'EXCELLENCE EN FILTRATION DESIGNED FOR RESULTS — ENGINEERED FOR PERFORMANCE

Titan filters are designed and produced with exceptional features that assure uninterrupted performance and uncompromising results. We have addressed the most common problems experienced with syringe filters, and have not only solved these issues, but guarantee Titan's performance under the most critical laboratory conditions. Our filters are quality monitored for:

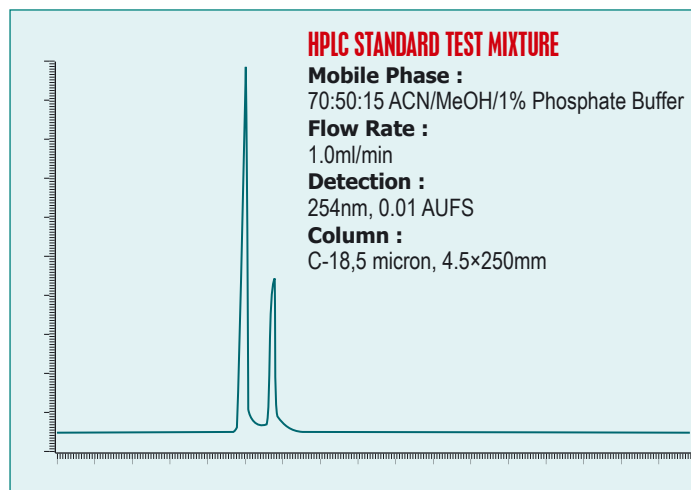
- Low UV Extractables by HPLC and Spectrophotometric Analysis.
- All Critical Filter Specifications are Tested and Confirmed: Bubble Point, Burst Pressure, Membrane Retention/Exclusion, and Flow Rate.
- HPLC Performance and Compatibility by Standard Test Mixture-HPLC Analysis,

Filter Specifications:

Housing: Polypropylene Filter Diameter: 4, 13 & 25mm
 Retention Volumes: 4mm<7.5ul, 13mm<25ul, 25mm<115ul
 Max Operating Temp: 100°C-Autoclave @125°C-15 min.
 Max Operating Pressure: 4mm-75psi, 13 & 25mm-100psi

VALIDATED FOR HPLC PERFORMANCE

Titan Filters are now validated for HPLC performance and reproducibility. Each lot is quality monitored for retention time, peak shape and peak area of our standard test mixture. This procedure ensures you of outstanding performance and reproducibility under HPLC conditions. No other filter can match the guaranteed performance our testing ensures you from filter to filter, batch to batch. Now you can develop and transfer methods with complete confidence that your HPLC filtration procedures will surpass all regulatory agency requirements.



TITAN SYRINGE FILTERS FEATURE

Color-Code ID System

Our filters are not only imprinted, but feature a color coded sealing ring that identifies the porosity and type of membrane. Couple this with our matching color-coded containers and you have an instant inventory level confirmed at a glance.

Standard 1 µm Pre-filter

Our 25 mm Nylon, PTFE, and PVDF filters feature a standard 1 µm glass prefilter for increased sample handling and capacity; up to 20% more throughput than competitive filters.



FILTRE TITAN / L'EXCELLENCE EN FILTRATION

Pour commander / Ordering information

* Denotes 30 mm filter without 1 µm pre-filter

NYLON				
Hydrophillic, low extractable membrane, Excellent solvent resistance				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 024	4 mm	0.45 µm	100/pk	Sur demande On request
407 021	4 mm	0.20 µm	100/pk	
407 041	13 mm	0.45 µm	200/pk	
407 043	13 mm	0.20 µm	200/pk	
407 032	30 mm	0.45 µm	100/pk	
407 033	30 mm	0.45 µm	500/pk	
407 031	30 mm	0.20 µm	100/pk	
407 034	30 mm	0.20 µm	500/pk	
407 004	30 mm*	0.45 µm	100/pk	
407 006	30 mm*	1.2 µm	100/pk	
407 007	30 mm*	5.0 µm	100/pk	

PTFE				
Hydrophillic, and solvent resistant membrane Low extractable and non-specific blinding absorption				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 030	4 mm	0.45 µm	100/pk	Sur demande On request
407 027	4 mm	0.20 µm	100/pk	
407 044	13 mm	0.45 µm	200/pk	
407 045	13 mm	0.20 µm	200/pk	
407 062	30 mm	0.45 µm	100/pk	
407 063	30 mm	0.45 µm	500/pk	
407 060	30 mm	0.20 µm	100/pk	
407 061	30 mm	0.20 µm	500/pk	
407 064	30 mm*	1.0 µm	100/pk	
407 066	30 mm*	5.0 µm	100/pk	

Reg . Cellulose				
Hydrophillic, Good chemical resistance Very Low protein blinding				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 038	4 mm	0.45 µm	100/pk	Sur demande On request
407 039	4 mm	0.20 µm	100/pk	
407 054	13 mm	0.45 µm	200/pk	
407 055	13 mm	0.20 µm	200/pk	
407 042	30 mm	0.45 µm	100/pk	
407 040	30 mm	0.20 µm	100/pk	

PVDF				
Hydrophillic, and chemically resistant Low protein blinding				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 023	4 mm	0.45 µm	100/pk	Sur demande On request
407 025	4 mm	0.20 µm	100/pk	
407 046	13 mm	0.45 µm	200/pk	
407 047	13 mm	0.20 µm	200/pk	
407 014	30 mm	0.45 µm	100/pk	
407 016	30 mm	0.20 µm	100/pk	

Cellulose Acétate				
Hydrophillic, For aqueous sample only. Low non-specific blinding				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 038	4 mm	0.45 µm	100/pk	Sur demande On request
407 039	4 mm	0.20 µm	100/pk	
407 054	13 mm	0.45 µm	200/pk	
407 055	13 mm	0.20 µm	200/pk	
407 042	30 mm*	0.45 µm	100/pk	
407 040	30 mm*	0.20 µm	100/pk	

Polypropylene				
Hydrophillic, and good chemical resistance. Low specific blinding				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 048	13 mm	0.45 µm	200/pk	Sur demande On request
407 049	13 mm	0.20 µm	200/pk	
407 017	30 mm*	0.45 µm	100/pk	
407 019	30 mm*	0.20 µm	100/pk	

Polysulfone (PES)				
Hydrophillic, with limited chemical resistance. Low non-specific blinding				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 052	13 mm	0.45 µm	200/pk	Sur demande On request
407 053	13 mm	0.20 µm	200/pk	
407 020	30 mm*	0.45 µm	100/pk	
407 022	30 mm*	0.20 µm	100/pk	

Glass Microfiber (GMF)				
Hydrophillic, with limited chemical resistance. Low non-specific blinding				
Réf.	Diamètre	Porosité	Qté	Prix / Price €
407 026	30 mm*	0.7 µm	100/pk	Sur demande On request
407 028	30 mm*	1.2 µm	100/pk	
407 029	30 mm*	2.7 µm	100/pk	

CENTRIFUGAL FILTERS

750 µl MICRO-CENTRIFUGAL FILTERS

Designed for centrifugal sample filtration of volumes from as low as 50 µl up to 750 µl. For use with any laboratory microcentrifuge. Low hold-up volume on the various membranes results in minimal sample loss. Available with new, very low protein binding, Regenerated Cellulose membrane, as well as a large selection of other hydrophilic and hydrophobic microporous membranes. Regenerated Cellulose and Cellulose Acetate membranes are ideal for many biological research applications where maximum recovery of protein is important. Filters are molded of virgin polypropylene and are supplied with a 2 mL capped microcentrifuge tube. Non-sterile.

Référence	Description	Porosité µm
F2517-1	Cellulose Acetate	0.22
F2517-2	Cellulose Acetate	0.45
F2517-3	Nylon	0.2
F2517-4	Nylon	0.45
F2517-5	PVDF	0.2
F2517-6	PVDF	0.45
F2517-7	Regenerated Cellulose	0.2
F2517-8	Regenerated Cellulose	0.45

2 mL CENTRIFUGAL FILTERS

Provide effective filtration of laboratory samples up to 2 mL. Plastic insert seals membrane to bottom of 2 mL sample chamber. Sample chamber has 5 mL capped conical receiver tube to collect filtrate during centrifugation. Maximum centrifugal force of 5000 G. To protect your delicate biological samples, no "o" rings or adhesives are used in manufacturing process. Use with bench top or floor model centrifuges. Non-sterile.

Référence	Description	Porosité µm
F2520-1	Cellulose Acetate	0.22
F2520-2	Cellulose Acetate	0.45
F2520-3	Nylon	0.2
F2520-4	Nylon	0.45
F2520-5	PVDF	0.2
F2520-6	PVDF	0.45
F2520-7	PTFE	0.2
F2520-8	PTFE	0.45

25 mL CENTRIFUGAL FILTERS

Large capacity Centrifugal Filters for sample volumes up to 25 mL. Microporous membrane is sonically welded to bottom of 25 mL sample chamber. Sample chamber has a 50 mL screw cap conical centrifuge tube for use with any laboratory centrifuge that holds a 50 mL centrifuge tube. The 25 mL capacity chamber is especially useful for larger sample operations like large scale plasmid DNA purification. The low protein-binding Cellulose Acetate membrane is useful in biological applications where maximum recovery of protein is important. Non-sterile.

Référence	Description	Porosité µm
F2519-1	Cellulose Acetate	0.22
F2519-2	Cellulose Acetate	0.45
F2519-3	Nylon	0.2
F2519-4	Nylon	0.45
F2519-5	PVDF	0.2
F2519-6	PVDF	0.45

