

Polypropylene Housing, Disposable Filters

25mm Devices: Medical grade polypropylene with ultrasonically welded sealing ring for burst resistance. Each filter is air tested for membrane integrity and each lot is tested for extractables, flow rate, burst pressure, bubble point and other Quality Control checks.

Membrane	Effective Pore Size	Retention Volume*	Max Operating Pressure	Max Temp.	Effective Filtration Area	Max Sample Volume	Color Code	Ordering Information
Nylon	0.45µm	100µl	110 psi	100°C	2.8cm ²	100ml	Green	
Nylon	0.22µm	100µl	110 psi	100°C	2.8cm ²	100ml	Purple	
PTFE	0.45µm	100µl	110 psi	100°C	2.8cm ²	100ml	Yellow	
PTFE	0.22µm	100µl	110 psi	100°C	2.8cm ²	100ml	Blue	
Regenerated Cellulose	0.45µm	110µl	100 psi	90°C	2.8cm ²	100ml	Brown	
Cellulose Acetate	0.45µm	110µl	100 psi	90°C	2.8cm ²	100ml	Orange	
PVDF	0.45µm	100µl	110 psi	100°C	2.8cm ²	100ml	Red	

13mm Devices: Medical grade polypropylene with ultrasonically welded sealing ring for burst resistance. Each filter is air tested for membrane integrity and each lot is tested for extractables, flow rate, burst pressure, bubble point and other Quality Control checks.

Membrane	Effective Pore Size	Retention Volume*	Max Operating Pressure	Max Temp.	Effective Filtration Area	Max Sample Volume	Color Code	Ordering Information
Nylon	0.45µm	25µl	100 psi	100°C	0.8cm ²	50ml	Green	
Nylon	0.22µm	25µl	100 psi	100°C	0.8cm ²	50ml	Purple	
PTFE	0.45µm	25µl	100 psi	100°C	0.8cm ²	50ml	Yellow	
PTFE	0.22µm	25µl	100 psi	100°C	0.8cm ²	50ml	Blue	
Regenerated Cellulose	0.45µm	25µl	100 psi	100°C	0.8cm ²	50ml	Brown	
Cellulose Acetate	0.45µm	25µl	100 psi	100°C	0.8cm ²	50ml	Orange	
PVDF	0.45µm	25µl	100 psi	100°C	0.8cm ²	50ml	Red	

4mm Devices: Medical grade polypropylene with very high burst resistance. Each filter is air tested for membrane integrity and each lot is tested for extractables, flow rate, burst pressure, bubble point and other Quality Control checks.

Membrane	Effective Pore Size	Retention Volume*	Max Operating Pressure	Max Temp.	Effective Filtration Area	Max Sample Volume	Color Code	Ordering Information
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Nylon	0.45µm	10µl	75 psi	100°C	0.07cm ²	2ml	Green	
Nylon	0.22µm	10µl	75 psi	100°C	0.07cm ²	2ml	Purple	
PTFE	0.45µm	10µl	75 psi	100°C	0.07cm ²	2ml	Yellow	
PTFE	0.22µm	10µl	75 psi	100°C	0.07cm ²	2ml	Blue	
Regenerated Cellulose	0.45µm	10µl	75 psi	90°C	0.07cm ²	2ml	Brown	
PVDF	0.45µm	10µl	75 psi	100°C	0.07cm ²	2ml	Red	

* Values are achieved with an air purge