



**Analytical Sales and Products offers a complete line of syringe filters specifically designed to provide efficient filtration of all kind of solutions, solvents or gases that any chemical or medical laboratory may require: Aqueous, Organic, Inorganic Solutions, Aerosol Separation and Venting. Our syringe filter range covers practically all applications in HPLC, Pharmaceutical, Environmental, Biotechnology and Food & Beverage testing laboratories.**

**Technical Specifications:**

- Diameter: 13mm and 25mm
- Pore Size: 0.20µm, 0.45µm, 0.80µm, 1.20µm, and others
- Membrane Materials: Cellulose Acetate, Nylon, PTFE, PES, PVDF, Regenerated Cellulose, Nitrocellulose, Polypropylene, Glass Fiber
- Housing Material: Polypropylene
- Color: Translucent
- Connections: Luer-Lock (Female Connection) and Luer-Lock or Slip (Male Connection)
- Packaging: Sterile Product: 50 pieces per pack (individual blisters); Non-Sterile: 100/pack or 500/pack

**HYDROPHILIC**  
Water accepting or wetting.

**HYDROPHOBIC**  
A membrane or other material which repels and cannot be wetted by aqueous and other high surface tension fluids. When pre-wetted with low surface tension fluid, such as alcohol, the filter will then wet with water.

Membrane	Application
Cellulose Acetate (CA)	<ul style="list-style-type: none"> <li>• Protein and Enzyme Filtration, Fluid Sterilization, Biological Fluid Filtration Sterilization, Tissue Culture Media Sterilization</li> <li>• Diagnostic Cytology, Receptor Binding Studies</li> <li>• Enhanced Recovery of Fastidious Gram Positive Organisms</li> <li>• Ideal for Aqueous Solutions</li> <li>• Very Low Protein Retention</li> <li>• 0.20µm for Fluid Sterilization</li> <li>• Naturally Hydrophilic</li> </ul>
Teflon (PTFE)	<ul style="list-style-type: none"> <li>• Filtration of Strong Acids &amp; Aggressive Solvents</li> <li>• Venting Applications</li> <li>• Phase Separations</li> <li>• Strong Hydrophobicity</li> </ul>
Nylon (NY)	<ul style="list-style-type: none"> <li>• Ideal for use in General Filtration or Medical Assays &amp; HPLC Sample Prep</li> <li>• High Protein Binding Capacity: Immobilizes Antigens, Antibodies &amp; other Proteins</li> <li>• Naturally Hydrophilic</li> </ul>
Polypropylene (PP)	<ul style="list-style-type: none"> <li>• HPLC Sample Prep Requiring Low Detection Levels</li> <li>• Aqueous &amp; Organic Solvent Filtration</li> <li>• Ion Chromatography</li> <li>• Naturally Hydrophilic</li> </ul>
Polyether-sulfone (PES)	<ul style="list-style-type: none"> <li>• Ideal for use in Life Science Applications to Remove Particulates During General Filtration</li> <li>• Low Protein and Drug Binding Characteristics</li> </ul>
Polyvinylidene Fluoride (PVDF)	<ul style="list-style-type: none"> <li>• Sterilizing Filtration of Biological Solutions</li> <li>• Clarifying Filtration of Biological Solutions</li> <li>• Provides High Flow Rates &amp; Throughput</li> <li>• Low Extractability &amp; Broad Chemical Compatibility</li> <li>• Hydrophobic</li> </ul>
Regenerated Cellulose (RC)	<ul style="list-style-type: none"> <li>• Extremely Versatile – Can be used with almost any lab procedure</li> <li>• Chemically resistant with both Aqueous &amp; Organic Samples</li> <li>• Very Low Binding Coefficient</li> </ul>
Nitrocellulose (NC)	<ul style="list-style-type: none"> <li>• Medical Assays: HCG • HIV • IH • Chlamydia</li> <li>• Drugs of Abuse, Pathogenic Microorganisms</li> <li>• Environmental Contaminants</li> </ul>
Glass Fiber (GF)	<ul style="list-style-type: none"> <li>• Use as a Pre-filter to Extend Membrane Life</li> <li>• Water &amp; Air Pollution Analysis</li> <li>• Liquid Clarification</li> <li>• Cell Harvesting</li> </ul>
Glass Fiber Plus	<ul style="list-style-type: none"> <li>• Pre-Filtration with the Glass Membrane &amp; the Application for the Other Membrane</li> </ul>



# 13mm Syringe Filters: 0.20µm & 0.45µm

	Item Number	Description	UOM	Price
<b>Cellulose Acetate, 13mm</b>				
<b>CA</b>	13CP020AN	13mm CA Syringe Filter, 0.20µm	100pk	\$101
	13CP020AN5	13mm CA Syringe Filter, 0.20µm	500pk	\$475
	13CP045AN	13mm CA Syringe Filter, 0.45µm	100pk	\$106
	13CP045AN5	13mm CA Syringe Filter, 0.45µm	500pk	\$510
<b>Cellulose Acetate, 13mm, STERILE</b>				
	13CS020AS	STERILE 13mm CA Syr. Filter, 0.20µm	100pk	\$164
	13CS045AS	STERILE 13mm CA Syr. Filter, 0.45µm	100pk	\$164
<b>PTFE, 13mm</b>				
<b>PTFE</b>	13JP020AN	13mm PTFE Syringe Filter, 0.20µm	100pk	\$135
	13JP020AN5	13mm PTFE Syringe Filter, 0.20µm	500pk	\$650
	13JP045AN	13mm PTFE Syringe Filter, 0.45µm	100pk	\$135
	13JP045AN5	13mm PTFE Syringe Filter, 0.45µm	500pk	\$650
<b>Nylon, 13mm</b>				
<b>NY</b>	13NP020AN	13mm NY Syringe Filter, 0.2µm	100pk	\$120
	13NP020AN5	13mm NY Syringe Filter, 0.20µm	500pk	\$525
	13NP045AN	13mm NY Syringe Filter, 0.45µm	100pk	\$120
	13NP045AN5	13mm NY Syringe Filter, 0.45µm	500pk	\$525
<b>Polypropelene, 13mm</b>				
<b>PP</b>	13PP020AN	13mm PP Syringe Filter, 0.20µm	100pk	\$145
	13PP020AN5	13mm PP Syringe Filter, 0.20µm	500pk	\$685
	13PP045AN	13mm PP Syringe Filter, 0.45µm	100pk	\$145
	13PP045AN5	13mm PP Syringe Filter, 0.45µm	500pk	\$685
<b>Polyethersulfone, 13mm</b>				
<b>PES</b>	13PS020AN	13mm PES Syringe Filter, 0.20µm	100pk	\$120
	13PS020AN5	13mm PES Syringe Filter, 0.20µm	500pk	\$525
	13PS045AN	13mm PES Syringe Filter, 0.45µm	100pk	\$120
	13PS045AN5	13mm PES Syringe Filter, 0.45µm	500pk	\$525
<b>PVDF, 13mm</b>				
<b>PVDF</b>	13PV020AN	13mm PVDF Syringe Filter, 0.20µm	100pk	\$125
	13PV020AN5	13mm PVDF Syringe Filter, 0.20µm	500pk	\$575
	13PV045AN	13mm PVDF Syringe Filter, 0.45µm	100pk	\$125
	13PV045AN5	13mm PVDF Syringe Filter, 0.45µm	500pk	\$575
<b>Regenerated Cellulose, 13mm</b>				
<b>RC</b>	13RC020AN	13mm RC Syringe Filter, 0.20µm	100pk	\$120
	13RC020AN5	13mm RC Syringe Filter, 0.20µm	500pk	\$546
	13RC045AN	13mm RC Syringe Filter, 0.45µm	100pk	\$120
	13RC045AN5	13mm RC Syringe Filter, 0.45µm	500pk	\$546
<b>Nitrocellulose, 13mm</b>				
<b>NC</b>	13NC020AN	13mm NC Syringe Filter, 0.20µm	100pk	\$120
	13NC020AN5	13mm NC Syringe Filter, 0.20µm	500pk	\$650
	13NC045AN	13mm NC Syringe Filter, 0.45µm	100pk	\$120
	13NC045AN5	13mm NC Syringe Filter, 0.45µm	500pk	\$650



## 25mm Syringe Filters: 0.20µm & 0.45µm

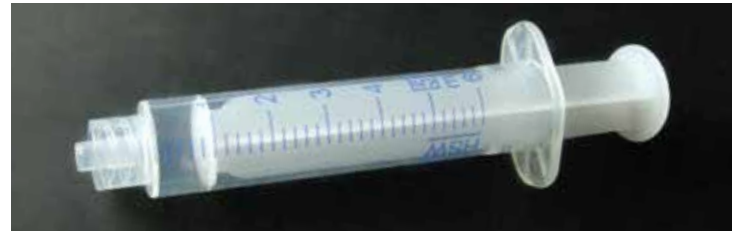
	Item Number	Description	UOM	Price
	<b>Cellulose Acetate, 25mm</b>			
	25CP020AN	25mm CA Syringe Filter, 0.20µm	100pk	\$106
	25CP020AN5	25mm CA Syringe Filter, 0.20µm	500pk	\$510
	25CP045AN	25mm CA Syringe Filter, 0.45µm	100pk	\$101
	25CP045AN5	25mm CA Syringe Filter, 0.45µm	500pk	\$482
<b>CA</b>	<b>Cellulose Acetate, 25mm, STERILE</b>			
	25CS020AS	STERILE 25mm CA Syringe Filter, 0.20µm	50pk	\$127
	25CS045AS	STERILE 25mm CA Syringe Filter, 0.45µm	50pk	\$127
	<b>PTFE, 25mm</b>			
<b>PTFE</b>	25JP020AN	25mm PTFE Syringe Filter, 0.20µm	100pk	\$135
	25JP020AN5	25mm PTFE Syringe Filter, 0.20µm	500pk	\$650
	25JP045AN	25mm PTFE Syringe Filter, 0.45µm	100pk	\$135
	25JP045AN5	25mm PTFE Syringe Filter, 0.45µm	500pk	\$650
	<b>Nylon, 25mm</b>			
<b>NY</b>	25NP020AN	25mm NY Syringe Filter, 0.20µm	100pk	\$120
	25NP020AN5	25mm NY Syringe Filter, 0.20µm	500pk	\$525
	25NP045AN	25mm NY Syringe Filter, 0.45µm	100pk	\$120
	25NP045AN5	25mm NY Syringe Filter, 0.45µm	500pk	\$525
	<b>Polypropelene, 25mm</b>			
<b>PP</b>	25PP020AN	25mm PP Syringe Filter, 0.20µm	100pk	\$115
	25PP020AN5	25mm PP Syringe Filter, 0.20µm	500pk	\$575
	25PP045AN	25mm PP Syringe Filter, 0.45µm	100pk	\$115
	25PP045AN5	25mm PP Syringe Filter, 0.45µm	500pk	\$575
	<b>Polyethersulfone, 25mm</b>			
<b>PES</b>	25PS020AN	25mm PES Syringe Filter, 0.20µm	100pk	\$120
	25PS020AN5	25mm PES Syringe Filter, 0.20µm	500pk	\$525
	25PS045AN	25mm PES Syringe Filter, 0.45µm	100pk	\$120
	25PS045AN5	25mm PES Syringe Filter, 0.45µm	500pk	\$525
	<b>PVDF, 25mm</b>			
<b>PVDF</b>	25PV020AN	25mm PVDF Syringe Filter, 0.20µm	100pk	\$115
	25PV020AN5	25mm PVDF Syringe Filter, 0.20µm	500pk	\$575
	25PV045AN	25mm PVDF Syringe Filter, 0.45µm	100pk	\$125
	25PV045AN5	25mm PVDF Syringe Filter, 0.45µm	500pk	\$575
	<b>Regenerated Cellulose, 25mm</b>			
<b>RC</b>	25RC020AN	25mm RC Syringe Filter, 0.20µm	100pk	\$173
	25RC020AN5	25mm RC Syringe Filter, 0.20µm	500pk	\$864
	25RC045AN	25mm RC Syringe Filter, 0.45µm	100pk	\$173
	25RC045AN5	25mm RC Syringe Filter, 0.45µm	500pk	\$864
	<b>Nitrocellulose, 25mm</b>			
<b>NC</b>	25NC020AN	25mm NC Syringe Filter, 0.20µm	100pk	\$120
	25NC020AN5	25mm NC Syringe Filter, 0.20µm	500pk	\$650
	25NC045AN	25mm NC Syringe Filter, 0.45µm	100pk	\$120
	25NC045AN5	25mm NC Syringe Filter, 0.45µm	500pk	\$650



### Advantage™ Syringes with Siliconized Gaskets

- Unsurpassed quality at a low price.
- Syringes are latex free, sterile, non-pyrogenic and non-toxic.
- Clear graduations Siliconized gaskets for smooth consistent plunger motion and a positive plunger stop.
- FDA registered, CE and ISO 9001 certified.

Cat. No.	Description	OUM	Price
22001EL-100	Advantage 1mL Luer Lock Syringe with Siliconized Gaskets, Sterile	100	\$42
22003EL-100	Advantage 3mL Luer Lock Syringe with Siliconized Gaskets, Sterile	100	\$17
22005EL-100	Advantage 5mL Luer Lock Syringe with Siliconized Gaskets, Sterile	100	\$30
22010EL-100	Advantage 10mL Luer Lock Syringe with Siliconized Gaskets, Sterile	100	\$35
22020EL-50	Advantage 20mL Luer Lock Syringe with Siliconized Gaskets, Sterile	50	\$42
22030EL-50	Advantage 30mL Luer Lock Syringe with Siliconized Gaskets, Sterile	50	\$49



### Advantage™ Syringes without Gaskets

- Latex free, contain no rubber, no silicone oil, styrene or DEHP and are DNA free.
- Inert, non-reactive syringe.
- More chemically resistant than rubber tipped syringes.
- Manufactured only from laboratory grade polypropylene and polyethylene.
- Syringes have a positive safety stop to prevent accidental spills.
- Syringes are individually sterile strip packed.
- FDA registered, CE Mark, ISO9001 certified.
- Ideal for: indicated for Nuclear Medicine, Amniocentesis, IVF, embryo-transfer, chromatography and many laboratory procedures.

Cat. No.	Description	OUM	Price
22001L-100	Advantage 1mL Luer Slip Sterile Syringe	100	\$28
22003L-100	Advantage 3mL Luer Lock Sterile Syringe	100	\$35
22005L-100	Advantage 5mL Luer Lock Sterile Syringe	100	\$42
22010L-100	Advantage 10mL Luer Lock Sterile Syringe	100	\$49
22020L-100	Advantage 20mL Luer Lock Sterile Syringe	100	\$70
22030L-50	Advantage 30mL Luer Lock Sterile Syringe	50	\$52
22050L-30	Advantage 50mL Luer Lock Sterile Syringe	30	\$45

