

## **NIAGARA SCIENTIFIC BRAND**

# Syringe Filters



### **HPLC** Certified

High-quality and cost-effective Syringe Filters are available in a broad range of membrane materials with sterile and non-sterile packaging options.



### **FEATURES**

- Disposable
- Luer-Lok<sup>™</sup> and pressure fitting
- · Ultrasonically bonded for reliability
- Filter media type clearly inscribed on barrel
- Excellent unit-to-unit and lot-to-lot reproducibility and consistency
- High purity virgin polypropylene housing, no dyes or pigments added
- Every unit type is available as an individually wrapped gamma sterilized pack
- Unique concentric funnel shaped barrel increases volume and decreases back pressure

### **APPLICATIONS**

A wide range of filtration media is available to meet diverse application needs. See the inside spread for a Filtration Media Application Guide.

### SIMPLE PRODUCT SELECTION

#### **Evaluate sample:**

Determine chemical compatibility, volume and need for prefiltration

Determine level of prefiltration necessary: in filter unit vs. prefilter unit in series for coarse precipitants.

#### Choose filter media type:

Aqueous: Nylon, MCE, CA Nonpolar: Nylon, PTFE, PVDF Protein: PVDF, PES

#### Choose barrel diameter:

<10 mL: 13 mm diameter <100 mL: 25 mm diameter

Choose initial or secondary retention target: 0.45 µm or 0.20 µm

### **APPLICATIONS**

Filtration Media / Application Guide (hydrophobic or hydrophilic)
Glass microfiber filter media - prefilter versions available in all variations

#### Mixed Cellulose Esters (MCE) - Hydrophilic

- This membrane is recommended for all filtrations in aqueous or polar media, bacteria filtration
- Ideal when maximum protein recovery in filtrate is crucial
- Used for filtration and inspection of gas, oil and alcohol particulate and bacteria
- · Combined with glass microfiber prefilter, ideal for tissue culture media and sensitive biological samples
- Sample filtration prefilter increases yield

#### Cellulose Acetate (CA) - Hydrophilic

- · Very low binding capacity for proteins
- · Material is nitrate-free making it suitable for groundwater & EPA ASTM's
- · For filtration under sterile conditions
- Filtration and clarification of biological fluids, sterilization of media additives and serum
- · Sample preparation of aqueous solutions
- For applications requiring maximum sample recovery
- Sample preparation of protein-based HPLC solutions
- Designed to sterilize and remove particulates from even the most viscous proteinaceous samples
- · Filtration of tissues culture media with glass fiber prefilter

#### Polyamide/Nylon (PA) - Hydrophilic

- · Hydrophilic material; it is recommended for filtration of aqueous or organic/aqueous medium polar liquids
- Commonly used for general laboratory filtration and filtration of HPLC and GC samples prior to injection
- Filtration of aqueous and organic-aqueous polar medium liquids
- · Dissolution sample analysis
- Suitable for use with high pH samples
- Since it binds proteins it is NOT suitable for protein recovery applications
- · With microfiber prefilter higher absorption capacity for contamination

#### Polyethersulfone (PES) - Hydrophilic

- High filtration flow rates
- · An inherently low affinity for proteins
- Low extractables
- · Introduction of additives into tissue culture vessel
- Certified for Ion Chromatography
- · Final filtration of bacteriophage and infusion solutions
- Tissue culture, proteins, buffer and nucleic acids filtration
- · Ideal for applications requiring maximum sample recovery
- Filter hybridization solutions and probe to reduce backgrounds
- Food, beverages and ultra pure water final filtration

### **APPLICATIONS**

Filtration Media / Application Guide (hydrophobic or hydrophilic)
Glass microfiber filter media - prefilter versions available in all variations

#### Polyvinylidene Difluoride (PVDF) - Hydrophobic

- This membrane features a stability and hydrophobic interactions similar to PTFE
- · Recommended especially for filtration of water-soluble oligomers and polymers, e.g. protein solutions
- · Can also be used for the filtration of hydrophobic substances in different organic solvents

#### Polytetrafluoroethylene (PTFE) - Hydrophilic or Hydrophobic

- PTFE membranes are inherently hydrophobic; they are ideal for the filtration of nonpolar liquids and gases
- Very resistant to solvents as well as acids or bases
- · Can be made more hydrophilic by flushing with alcohol, followed by water
- Used for filtering and de-gassing chromatography solvents
- · Permits optimal utilization of small sample volumes
- · Excellent chemical compatibility for filtering harsh chemicals that destroy other membrane materials
- Moisture barrier for venting applications and vacuum pump line protection
- Ideal for aerosol sampling
- Filter viscous organic-based HPLC samples
- Glass microfiber prefilter raises absorption capacity and loading
- After pre-wetting with alcohol, may be used for fine particle removal of aqueous and mild organic solutions in Ion Chromatography

#### **Glass Fiber Prefilters**

- For viscose solutions or turbid liquids
- Ideal for use as a prefilter in series with other syringe filters
- Glass microfiber filter media enclosed in this series is binderless 1.0 µm retention
- Reduces clogging of the membrane, so ideal as a prefilter to increase throughput and flow rate
- · Ideal for dissolution testing and general filtration
- · Applicable to all membrane types, allowing higher flow rates
- Good compatibility with strong acids, bases and organic solvents
- Similar in composition to Niagara Scientific Brand binderless borosilicate glass microfiber media available as disks and sheets

Filter media type and retention marked on barrel.



### **TECHNICAL SPECIFICATIONS:**

#### **Typical Physical Characteristics:**

	13 mm diameter barrei	25 mm diameter parrei
Surface area (cm²):	0.65	3.90
Sample volume (ml):	<15	<105
Maximum pressure (bar):	45	90
Hold up volume (μl):	8.5	28.5
Connector inlet:	Luer-Lok™	Luer-Lok™
Connector outlet:	luer-slip (non-barb)	luer-slip (non-barb)

#### **ORDERING INFORMATION**

See pages 5-8 for catalog numbers and descriptions for our Niagara Scientific Brand syringe filters.

#### **COMMON COMPETITIVE EQUIVALENTS**

If you are currently using a competitor's syringe filter, simply provide us with the manufacturer name and part number and we will find the closet equivalent!

### **PACKAGING OPTIONS**



Sterile product individually blister packed.



Non-sterile product is polybagged.

Ask about our other Niagara Scientific Brand products!

# **GET A QUOTE TODAY!**

800-634-3008 sales@scaleandbalance.com



## ORDERING INFORMATION

Cat. No.	Description
44M63599	Nonsterile Nylon Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63600	Nonsterile Nylon Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63601	Nonsterile Nylon Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63602	Nonsterile Nylon Syringe Filters, 0.45(µm), 25(mm), 100/PK
INQUIRE	Nonsterile Nylon Syringe Filters, 0.22(µm), 33(mm), 100/PK
INQUIRE	Nonsterile Nylon Syringe Filters, 0.45(µm), 33(mm), 100/PK
44M63603	Sterile Nylon Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63604	Sterile Nylon Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63605	Sterile Nylon Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63606	Sterile Nylon Syringe Filters, 0.45(µm), 25(mm), 100/PK
INQUIRE	Sterile Nylon Syringe Filters, 0.22(µm), 33(mm), 100/PK
INQUIRE	Sterile Nylon Syringe Filters, 0.45(µm), 33(mm), 100/PK
44M63607	Nonsterile PTFE Syringe Filters, 0.22(µm), 13(mm), Hydrophobic, 100/PK
44M63608	Nonsterile PTFE Syringe Filters, 0.45(µm), 13(mm), Hydrophobic, 100/PK
44M63609	Nonsterile PTFE Syringe Filters, 0.22(µm), 25(mm), Hydrophobic, 100/PK
44M63610	Nonsterile PTFE Syringe Filters, 0.45(µm), 25(mm), Hydrophobic, 100/PK
44M63611	Sterile PTFE Syringe Filters, 0.22(µm), 13(mm), Hydrophobic, 100/PK
44M63612	Sterile PTFE Syringe Filters, 0.45(µm), 13(mm), Hydrophobic, 100/PK
44M63613	Sterile PTFE Syringe Filters, 0.22(µm), 25(mm), Hydrophobic, 100/PK
44M63614	Sterile PTFE Syringe Filters, 0.45(µm), 25(mm), Hydrophobic, 100/PK
44M63615	Nonsterile PTFE Syringe Filters, 0.22(µm), 13(mm), Hydrophilic, 100/PK
44M63616	Nonsterile PTFE Syringe Filters, 0.45(µm), 13(mm), Hydrophilic, 100/PK
44M63617	Nonsterile PTFE Syringe Filters, 0.22(µm), 25(mm), Hydrophilic, 100/PK
44M63618	Nonsterile PTFE Syringe Filters, 0.45(µm), 25(mm), Hydrophilic, 100/PK
44M63619	Sterile PTFE Syringe Filters, 0.22(µm), 13(mm), Hydrophilic, 100/PK
44M63620	Sterile PTFE Syringe Filters, 0.45(µm), 13(mm), Hydrophilic, 100/PK
44M63621	Sterile PTFE Syringe Filters, 0.22(µm), 25(mm), Hydrophilic, 100/PK
44M63622	Sterile PTFE Syringe Filters, 0.45(µm), 25(mm), Hydrophilic, 100/PK
44M63623	Nonsterile PVDF Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63624	Nonsterile PVDF Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63625	Nonsterile PVDF Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63626	Nonsterile PVDF Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63627	Sterile PVDF Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63628	Sterile PVDF Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63629	Sterile PVDF Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63630	Sterile PVDF Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63631	Nonsterile PES Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63632	Nonsterile PES Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63633	Nonsterile PES Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63634	Nonsterile PES Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63635	Sterile PES Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63636	Sterile PES Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63637	Sterile PES Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63638	Sterile PES Syringe Filters, 0.45(µm), 25(mm), 100/PK

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## ORDERING INFORMATION

Cat. No.	Description
44M63639	Nonsterile CA Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63640	Nonsterile CA Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63641	Nonsterile CA Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63642	Nonsterile CA Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63643	Sterile CA Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63644	Sterile CA Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63645	Sterile CA Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63646	Sterile CA Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63647	Nonsterile MCE Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63648	Nonsterile MCE Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63649	Nonsterile MCE Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63650	Nonsterile MCE Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63651	Sterile MCE Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63652	Sterile MCE Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63653	Sterile MCE Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63654	Sterile MCE Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63655	Nonsterile GF Syringe Filters, 0.70(µm), 13(mm), 100/PK
44M63656	Nonsterile GF Syringe Filters, 1.00(µm), 13(mm), 100/PK
44M63657	Nonsterile GF Syringe Filters, 0.70(µm), 25(mm), 100/PK
44M63658	Nonsterile GF Syringe Filters, 1.00(µm), 25(mm), 100/PK
44M63659	Sterile GF Syringe Filters, 0.70(µm), 13(mm), 100/PK
44M63660	Sterile GF Syringe Filters, 1.00(µm), 13(mm), 100/PK
44M63661	Sterile GF Syringe Filters, 0.70(µm), 25(mm), 100/PK
44M63662	Sterile GF Syringe Filters, 1.00(µm), 25(mm), 100/PK
44M63663	Nonsterile PP Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63664	Nonsterile PP Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63665	Nonsterile PP Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63666	Nonsterile PP Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63667	Sterile PP Syringe Filters, 0.22(µm), 13(mm), 100/PK
44M63668	Sterile PP Syringe Filters, 0.45(µm), 13(mm), 100/PK
44M63669	Sterile PP Syringe Filters, 0.22(µm), 25(mm), 100/PK
44M63670	Sterile PP Syringe Filters, 0.45(µm), 25(mm), 100/PK
INQUIRE	Nonsterile PTFE Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PTFE Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PTFE Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PTFE Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile PTFE Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile PTFE Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile PTFE Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile PTFE Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PES Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PES Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PES Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PES Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile PES Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile PES Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile PES Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile PES Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK

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## ORDERING INFORMATION

Cat. No.	Description
INQUIRE	Nonsterile PVDF Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PVDF Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PVDF Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile PVDF Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile PVDF Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile PVDF Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile PVDF Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile PVDF Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile Nylon Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile Nylon Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile Nylon Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Nonsterile Nylon Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile Nylon Syringe Filters, 0.22(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile Nylon Syringe Filters, 0.45(µm), 13(mm), PP prefilter, 100/PK
INQUIRE	Sterile Nylon Syringe Filters, 0.22(µm), 25(mm), PP prefilter, 100/PK
INQUIRE	Sterile Nylon Syringe Filters, 0.45(µm), 25(mm), PP prefilter, 100/PK
44M63671	Nonsterile PTFE Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
44M63672	Nonsterile PTFE Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63673	Nonsterile PTFE Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63674	Nonsterile PTFE Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK
44M63675	Sterile PTFE Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
44M63676	Sterile PTFE Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63677	Sterile PTFE Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63678	Sterile PTFE Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK
44M63679	Nonsterile PES Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
44M63680	Nonsterile PES Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63681	Nonsterile PES Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63682	Nonsterile PES Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK
44M63683	Sterile PES Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
44M63684	Sterile PES Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63685	Sterile PES Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63686	Sterile PES Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK
44M63687	Nonsterile PVDF Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
44M63688	Nonsterile PVDF Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63689	Nonsterile PVDF Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63690	Nonsterile PVDF Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK
44M63691	Sterile PVDF Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
44M63692	Sterile PVDF Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63693	Sterile PVDF Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63694	Sterile PVDF Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK
44M63695	Nonsterile Nylon Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
44M63696	Nonsterile Nylon Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63697	Nonsterile Nylon Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63698	Nonsterile Nylon Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK

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### ORDERING INFORMATION

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Cat. No.
               Description
44M63699
               Sterile Nylon Syringe Filters, 0.22(µm), 13(mm), GF prefilter, 100/PK
               Sterile Nylon Syringe Filters, 0.45(µm), 13(mm), GF prefilter, 100/PK
44M63700
44M63701
               Sterile Nylon Syringe Filters, 0.22(µm), 25(mm), GF prefilter, 100/PK
44M63702
               Sterile Nylon Syringe Filters, 0.45(µm), 25(mm), GF prefilter, 100/PK
44M63703
               Nonsterile Nylon Syringe Filters, 0.22(µm), 17(mm), 100/PK
44M63704
               Nonsterile Nylon Syringe Filters, 0.45(µm), 17(mm), 100/PK
44M63705
               Nonsterile Nylon Syringe Filters, 0.22(µm), 30(mm), 100/PK
44M63706
               Nonsterile Nylon Syringe Filters, 0.45(µm), 30(mm), 100/PK
44M63707
               Sterile Nylon Syringe Filters, 0.22(µm), 30(mm), 100/PK
               Nonsterile PES Syringe Filters, 0.22(µm), 17(mm), 100/PK
44M63708
44M63709
               Nonsterile PES Syringe Filters, 0.45(µm), 17(mm), 100/PK
44M63710
               Nonsterile PES Syringe Filters, 0.22(µm), 30(mm), 100/PK
44M63711
               Nonsterile PES Syringe Filters, 0.45(µm), 30(mm), 100/PK
               Nonsterile PTFE Syringe Filters, 0.22(µm), 17(mm), 100/PK
44M63712
44M63713
               Nonsterile PTFE Syringe Filters, 0.45(µm), 17(mm), 100/PK
44M63714
               Nonsterile PTFE Syringe Filters, 0.22(µm), 30(mm), 100/PK
               Nonsterile PTFE Syringe Filters, 0.45(µm), 30(mm), 100/PK
44M63715
               Nonsterile PVDF Syringe Filters, 0.22(µm), 17(mm), 100/PK
44M63716
44M63717
               Nonsterile PVDF Syringe Filters, 0.45(µm), 17(mm), 100/PK
               Nonsterile PVDF Syringe Filters, 0.22(µm), 30(mm), 100/PK
44M63718
44M63719
               Nonsterile PVDF Syringe Filters, 0.45(µm), 30(mm), 100/PK
44M63581
               Tri-Layer PP/GF prefilter Nonsterile Nylon Syringe Filters, 0.45(µm), 25(mm), 100/PK
               Tri-Layer PP/GF prefilter Nonsterile Nylon Syringe Filters, 0.22(µm), 25(mm),100/PK
44M63582
               Tri-Layer PP/GF prefilter Nonsterile PVDF Syringe Filters, 0.45(µm), 25(mm), 100/PK
44M63583
44M63584
               Tri-Layer PP/GF prefilter Nonsterile PVDF Syringe Filters, 0.22(µm), 25(mm),100/PK
44M63585
               Tri-Layer PP/GF prefilter Nonsterile PTFE Syringe Filters, 0.45(µm), 25(mm), 100/PK, hydrophobic
44M63586
               Tri-Layer PP/GF prefilter Nonsterile PTFE SyringeFilters, 0.22(µm), 25(mm),100/PK, hydrophobic
44M63587
               Nonsterile Nylon syringe filter, 4mm diameter, 0.22(µm), membrane, 200/PK
               Nonsterile Nylon syringe filter, 4mm diameter, 0.45(µm), membrane, 200/PK
44M63588
44M63589
               Nonsterile PTFE syringe filter, 0.22(µm), 4(mm), Hydrophobic, 200/PK
44M63590
               Nonsterile PTFE syringe filter, 0.45(µm), 4(mm), Hydrophobic, 200/PK
44M63591
               Nonsterile PTFE syringe filter, 0.22(µm), 4(mm), Hydrophilic, 200/PK
44M63592
               Nonsterile PTFE syringe filter, 0.45(µm), 4(mm), Hydrophilic, 200/PK
               Nonsterile PVDF Syringe Filters syringe filter, 0.22(µm), 4(mm), 200/PK
44M63593
44M63594
               Nonsterile PVDF Syringe Filters, syringe filter, 0.45(µm), 4(mm), 200/PK
44M63595
               Nonsterile PES syringe filter, 0.22(µm), 4(mm) membrane, 200/PK
44M63596
               Nonsterile PES syringe filter, 0.45(µm), 4(mm) membrane, 200/PK
44M63597
               Nonsterile CA syringe filter, 4mm diameter, 0.22micron, membrane, 200/PK
44M63598
               Nonsterile CA syringe filter, 4mm diameter, 0.45micron, membrane, 200/PK
44M63720
               Nonsterile MultiDensity Syringe Filters, 0.5(µm), 25(mm), 100/PK
               Nonsterile MultiDensity Syringe Filters, 0.7(µm), 25(mm), 100/PK
44M63721
               Nonsterile MultiDensity Syringe Filters, 1.0(µm), 25(mm), 100/PK
44M63722
44M63723
               Nonsterile MultiDensity Syringe Filters, 1.2(µm), 25(mm), 100/PK
               Nonsterile MultiDensity Syringe Filters, 1.5(µm), 25(mm), 100/PK
44M63724
44M63725
               Nonsterile MultiDensity Syringe Filters, 1.6(µm), 25(mm), 100/PK
               Nonsterile MultiDensity Syringe Filters, 2.7(µm), 25(mm), 100/PK
44M63726
               High purity CA fibrous protein Syringe Filters, hydrophilic, 1.0(μm), 15(mm), 100/PK
44M63727
44M63728
               High purity CA fibrous protein Syringe Filters, hydrophilic, 1.0(μm), 25(mm), 100/PK
44M63729
               Nonsterile A83 NanoScale Syringe Filters, 0.5(µm), 15(mm), 100/PK
               Nonsterile A83 NanoScale Syringe Filters, 0.5(µm), 25(mm), 100/PK
44M63730
44M63731
               Nonsterile A83 NanoScale Syringe Filters, 0.5(µm), 30(mm), 100/PK
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