Ami Polymer®

FILTERS | FILMS | TUBING | HOSES | SINGLE USE ASSEMBLIES & BAGS | GASKETS & BELLOWS | INFLATABLE SEALS

ImaPore™ Filters

Solutions for Pharma and Biopharma Applications

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About Us

Since 1998, APPL has been engaged in the business of polymer products, which ultimately provide solutions for fluid transfers, sealing, and contamination controls for the pharma, biopharma, medical, laboratory, food, beverage, and engineering sectors worldwide.

APPL has ISO class 7 and 8 cleanroom facilities certified with ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 27001:2013 and ISO 13485:2016. We also have a BPOG extractables program for our products for regulatory markets worldwide.

APPL has world-class manufacturing technology with end-to-end process capabilities to fulfill the needs of customers. Our advanced facilities include laser-controlled extrusion, automated hose production lines, thermoplastic extrusion lines, automatic hydraulic presses for elastomers and polymeric components, a cutting-edge laboratory equipped with R&D machinery, in-house tooling and mold-making machinery, laser cutting machines and online printing and marking systems.

Our Strength

- 25+ registered brands with presence in 50+ countries
- 600+ team members including polymer technologists, engineers & biotechnologists
- Advanced extrusion, molding, tooling & hose crimping facilities
- Rapid development of custom single-use manifolds & bag assemblies
- In-house R&D with state-of-the-art lab equipment
- Laser-controlled extrusion for precision
- In-house tool design via CMC/VMC systems
- Awarded “Best Bioprocessing Supplier - Single-Use Consumables” (Asia-Pacific, 2023)

Our Offering in ImaPore™ Filters

Our portfolio includes a diverse range of filters suitable for **Pharmaceutical, Biopharmaceutical, and API manufacturing processes**, covering applications from sample preparation to final product filtration.

Cartridge Filter

Capsule Filter

Disc Filter

Syringe Filter

Housing

Plain Membrane Disc

ImaPore™ PES Filters

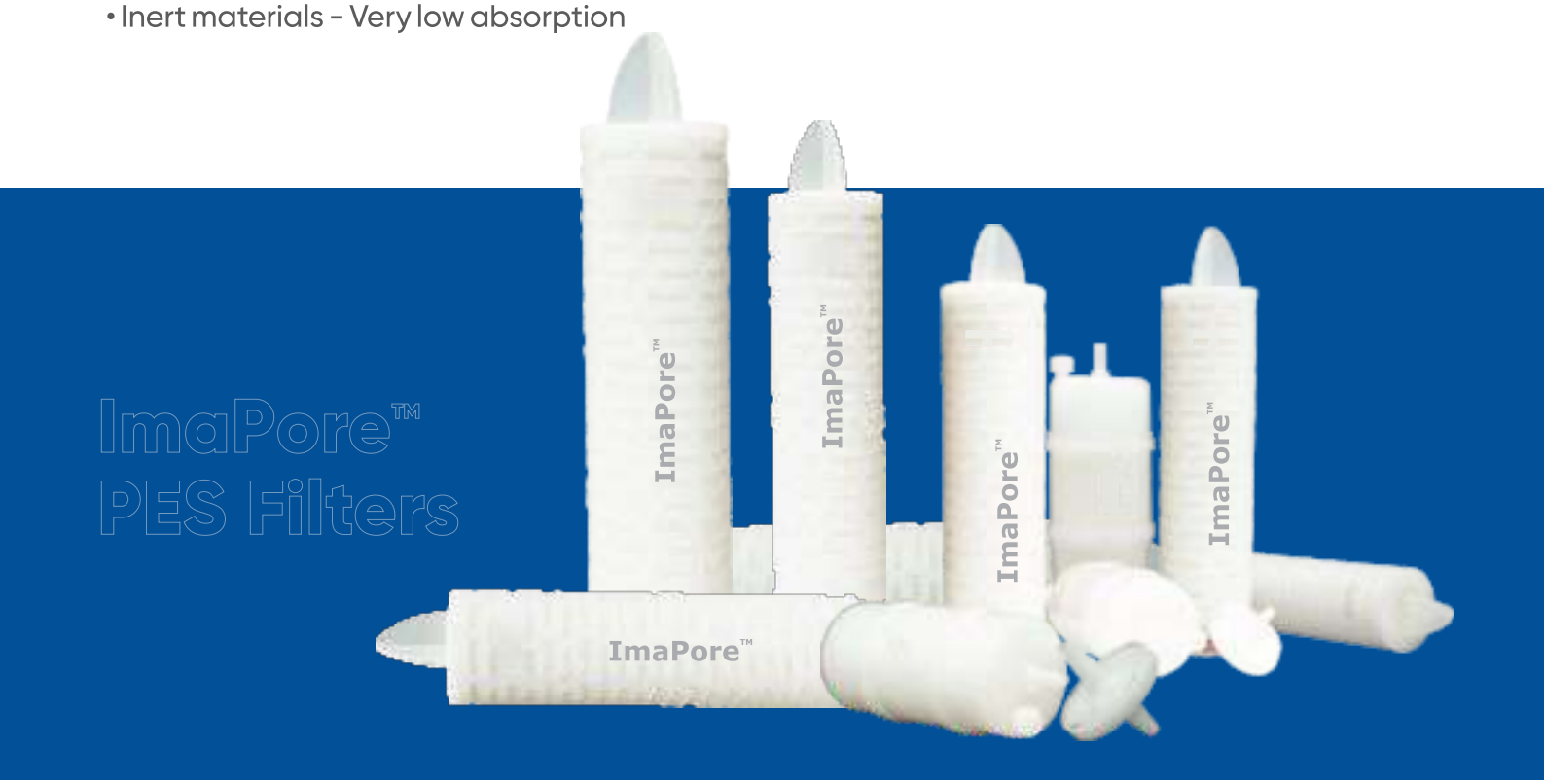
The ImaPore™ PES cartridges and capsules feature a unique single layer and Dual Layer hydrophilic polyether sulphone membrane. This membrane is characterized by excellent throughput and higher durability in many applications such as pharmaceutical and biological filtration and beverage filtration. Higher flow rates than any other sterilizing grade filter cartridge offers, ImaPore™ PES filter assures there by the most economical design of filtration systems with better output.

Applications

- Pharmaceuticals and biologicals filtration
- Cell Culture Media
- Buffers
- Water for injection
- Media additives
- Small volume parenteral & Large volume parenteral

Features and Benefits

- High porosity offering excellent flow rates
- Large filtration area
- Longer service life
- Graded density layer media
- Inert materials - Very low absorption



Quality Assurance

- All materials used in PES meet the requirements of FDA 21 CFR and EU No. 1935/2004 and EU10/2011
- Biological Safety : The component materials of PES pleated filter cartridges meet the criteria of the USP Biological Reactivity Tests USP<87> Biological Safety Test (In-Vitro), USP<88> Biological Safety Test (In-Vivo)
- Bacterial Endotoxin: The aqueous extraction of PES pleated filter cartridges contains< 0.25EU/mL as determined by Limulus Amebocyte Lysate (LAL), meeting the requirements of Ch.P monographs for Water for Injection (WFI).
- Non- fiber releasing: PES pleated filter cartridge meets the criteria for "non-fiber releasing" standard as defined in 21 CFR 210.3 (b) (6).
- Extractables with WFI: Laboratory extractable levels (per USP <661>) are for reference only. As results vary with solvents, concentrations, and contact times, testing under actual process conditions is recommended.
- Bacterial Retention Quantitative retention of 10^7 CFU/cm^2 Brevundimonas diminuta ATCC® 19146 per ASTM® F838 methodology
- These products are manufactured in a facility which adheres to ISO 9001:2015 Practices

Specifications

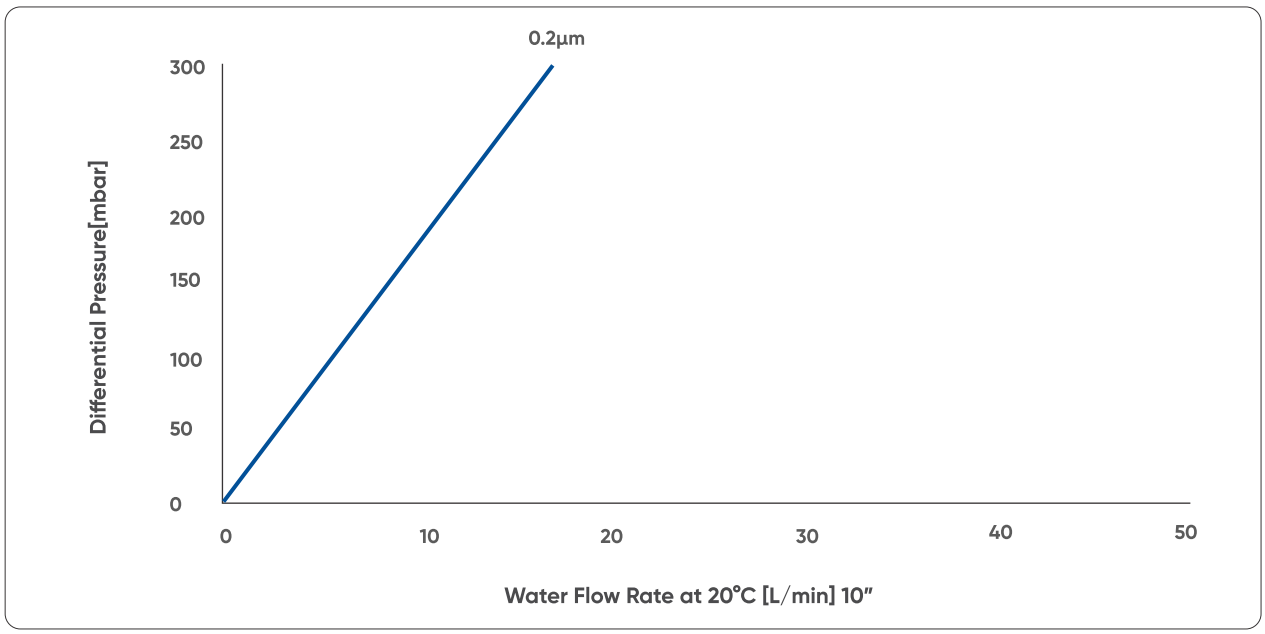
MOC	
Membrane:	PES
Support layers:	Polypropylene
Inner core:	Polypropylene
Outer cage:	Polypropylene
End caps:	Polypropylene
O-rings:	Silicone, EPDM
Filter Pore Size :	0.22 µm, 0.45 µm, 0.65 µm
Sizes	
Sizes of Capsule/Cartridge (inch) :	1.5" , 2.5", 5", 10", 20", 30"
Operating Parameters	
Max. operating Temperature	80°C
Max. Differential Pressure Forward Reverse	5.5 bar @25°C 2.0 bar @25°C
Max. operating pressure:	6.9 bar at 25°C, 2.4 bar at 80°C

Sterilization

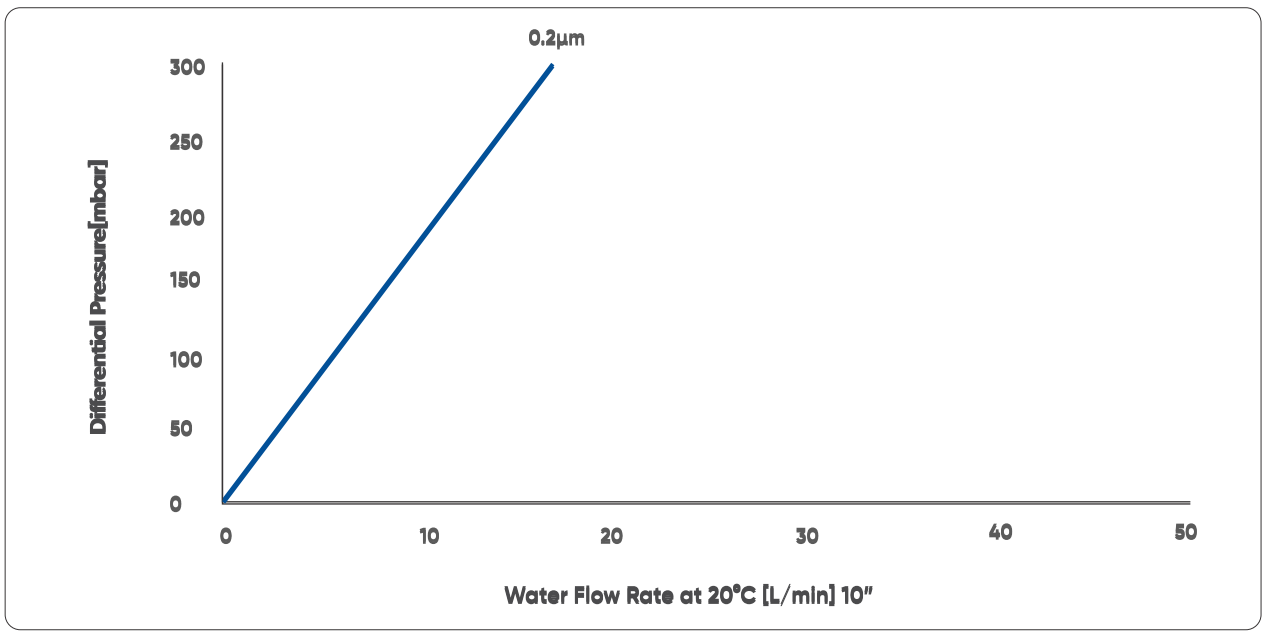
- Steam-in-Place (SIP): Cartridge can be SIP Up to a maximum temperature of 125°C for 30 minutes, validated for 20 cycles and 30 Autoclaving cycle
- Capsule Autoclaving is recommended at a maximum temperature of 126°C for 3 cycles of 60 minutes each.
- Note: Autoclaving beyond 3 cycles is subject to validation.

Flow Rate Characteristics

Cartridge 10 Inch



Capsule 10 Inch



Ordering Information: Cartridge Filter

IMA	Format	Media	Pore Rating	End cap	Length	O-Ring
IMA	C=Cartridge	Polyethersulfone	G=0.2µm	7=Code7 (226)	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	S= silicon
			M= 0.45µm	7=Code7 (226)	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	E=EPDM
			N=0.65µm	7=Code7 (226)	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	V=Viton
			H= 0.2/0.2µm	5= Code 5 (222 with fin)	1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	
			E=0.2/0.45µm	O= Code 0 (222)	2=20 inch SL=12400cm^2 / DL=10400 cm^2	
			U= 0.2/0.65µm	F= Code F (DOE)	3= 30 inch SL= 18600 cm^2 /DL= 15600 cm^2	
			S= 0.2/0.8µm			

Example for Catalogue Number: IMACG73S

*SL = Single Layer
*DL = Double Layer

Ordering Information: Capsule Filter

IMA	Format	Media	Pore Rating	Sterility	Length	End connection
IMA	K=Capsule	Polyethersulfone	G=0.2µm	A= Autoclave	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	T= TC
			M= 0.45µm	G=Gamma	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	H3= HB 3/8 "
			N=0.65µm	S=Pre sterile	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	H1= HB 1/4"
			H= 0.2/0.2µm		1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	HT= HB/TC
			E=0.2/0.45µm		2=20 inch SL=13000cm^2 / DL=11000 cm^2	
			U= 0.2/0.65µm		3= 30 inch SL= 19500 cm^2 /DL= 16500 cm^2	
			S= 0.2/0.8µm			

Example for Catalogue Number: IMAKGA5T

*SL = Single Layer
*DL = Double Layer

ImaPore™ PTFE Filter

ImaPore™ PTFE filter cartridges, are constructed from a PTFE membrane and Polypropylene core, outer cage and big bore inner dia. which provide excellent flow rates, long service life and minimal extractable. The materials of construction give filter superior chemical compatibility and oxidation resistance suitable for sterile filtration of aggressive solutions such as acids, bases and oxidizable solvents. ImaPore™ filter are also compatible with high temperature and oxidizable gases for vent specific application etc.

Applications

- All kinds of aggressive bases and solvents
- High temperature applications
- Air and liquid
- WFI
- High temperature fermenter venting (> 100 °C) and aerating Strong oxidizing gases

Features and Benefits

- High flow rates and long service life.
- Excellent chemical compatibility.
- Good resistance to high temperature and Oxidation.

Quality Assurance

- All materials used in PTFE meet the requirements of FDA 21 CFR and EU No. 1935/2004 and EU10/2011
- Biological Safety : The component materials of PTFE pleated filter cartridges meet the criteria of the USP Biological Reactivity Tests In
- Bacterial Endotoxin: The aqueous extraction of PTFE pleated filter cartridges contains< 0.25EU/mL as determined by Limulus Amebocyte Lysate (LAL), meeting the requirements of Ch.P monographs for Water for Injection (WFI).
- Non- fiber releasing: PTFE pleated filter cartridge meets the criteria for "non-fiber releasing" standard as defined in 21 CFR 210.3 (b) (6).
- Bacterial Retention Quantitative retention of 10^7 CFU/cm2 Brevundimonas diminuta ATCC® 19146 per ASTM® F838 methodology
- These products are manufactured in a facility which adheres to ISO 9001:2015 Practices

Specifications

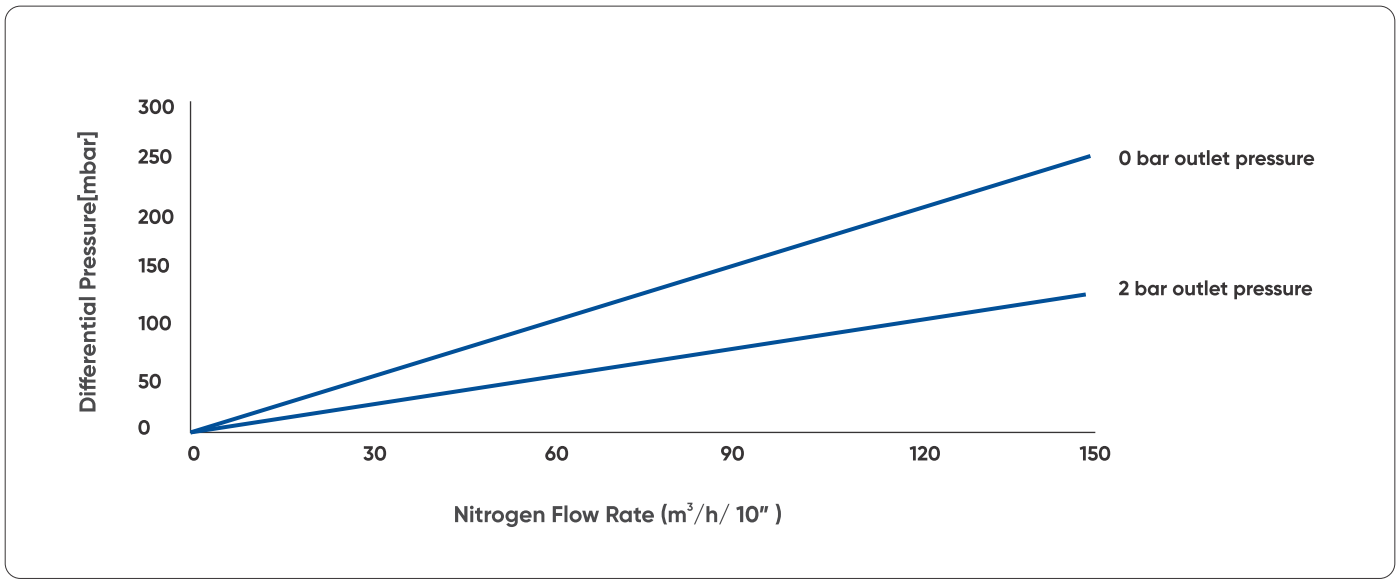
MOC	
Media:	Polytetrafluoroethylene
Media support:	Polypropylene
Cage core and end caps:	Polypropylene
Sealing:	Thermally welded
Pore Size :	0.1µm, 0.2µm, 0.45µm
Sizes	
Sizes of Capsule/cartridge (inch) :	1.5",2.5",5",10" ,20",30"
Operating Conditions	
Maximum forward differential pressure:	5.5 bar at 25°C
Maximum Reverse differential pressure:	2.0 bar at 25°C
Maximum operating temperature	80°C

Sterilization

- Steam-in-Place (SIP): Cartridge can be SIP Up to a maximum temperature of 125°C for 30 minutes, validated for 20 cycles
- Capsule Autoclaving is recommended at a maximum temperature of 126°C for 3 cycles of 60 minutes each.

*Note: Autoclaving beyond 3 cycles is subject to validation.

Flow Rate Characteristics



ImaPore™
PTFE Filter

Ordering Information: Cartridge Filter

IMA	Format	Media	Pore Rating	End cap	Length	O-Ring
IMA	C=Cartridge	T=PTFE	K1= 0.1µm	7=Code7 (226)	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	S= silicon
			K2= 0.2µm	5= Code 5 (222 with fin)	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	E=EPDM
			K3= 0.45µm	O= Code 0 (222)	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	V=Viton
				F= Code F (DOE)	1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	
					2=20 inch SL=12400cm^2 / DL=10400 cm^2	
					3= 30 inch SL= 18600 cm^2 /DL= 15600 cm^2	

Example for Catalogue number: IMACTK272E

*SL = Single Layer
*DL = Double Layer

Ordering Information: Capsule Filter

IMA	Format	Media	Sterility	Pore Rating	Length	End connection
IMA	K=Capsule	T=PTFE	A= Autoclave	K1= 0.1µm	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	T= TC
			G=Gamma	K2= 0.2µm	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	H3= HB 3/8 "
			S=Pre sterile	K3= 0.45µm	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	H1= HB 1/4"
					1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	
					2=20 inch SL=13000cm^2 / DL=11000 cm^2	
					3= 30 inch SL= 19500 cm^2 /DL= 16500 cm^2	

Example for Catalogue number: IMAKTAK325H1

*SL = Single Layer
*DL = Double Layer

ImaPore™ PVDF Filter

ImaPore™ PVDF Pleated Filters feature a high-performance PVDF membrane known for excellent resistance to organic and inorganic solvents. They offer absolute retention, low extractables, high throughput, and broad chemical compatibility to meet critical process needs.

Applications

- Fermentation
- LVP (Large Volume Parenteral)
- SVP (Small Volume Parenteral)
- Pharmaceutical Water Treatment
- API (Active Pharmaceutical Ingredients)
- Process Water
- Raw Materials Clarification
- Raw Materials Intermediate Polishing

Final Product Filtration Features

- PVDF membrane retention rate, can ensure absolute precision filtration.
- Has excellent resistance to conventional chemical reagents.
- The 100% filtration accuracy

Sterilization

- Steam-in-Place (SIP): Cartridge can be SIP Up to a maximum temperature of 125°C for 30 minutes, validated for 20 cycles
- Capsule Autoclaving is recommended at a maximum temperature of 126°C for 3 cycles of 60 minutes each.

*Note: Autoclaving beyond 3 cycles is subject to validation.

ImaPore™
PVDF Filter

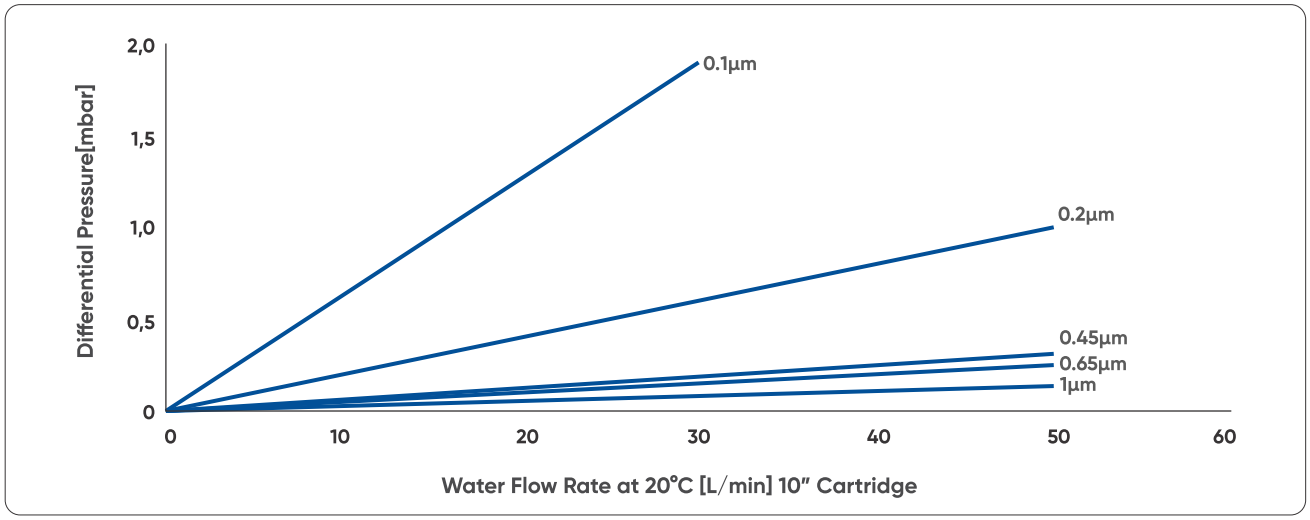
Quality Assurance

- All materials used in PVDF meet the requirements of FDA 21 CFR and EU No. 1935/2004 and EU10/2011
- Biological Safety : The component materials of PVDF pleated filter cartridges meet the criteria of the USP Biological Reactivity Tests In
- Bacterial Endotoxin: The aqueous extraction of PVDF pleated filter cartridges contains< 0.25EU/mL as determined by Limulus Amebocyte Lysate (LAL), meeting the requirements of Ch.P monographs for Water for Injection (WFI).
- Non- fiber releasing: PVDF pleated filter cartridge meets the criteria for "non-fiber releasing" standard as defined in 21 CFR 210.3 (b) (6).
- Extractable with WFI: The extractable levels under laboratory conditions are for reference only with WFI test passes as per USP <661>. Since extractable levels is not consistent under different solvents, concentrations, and contact times. It is recommended to test under actual process conditions.
- Bacterial Retention : Quantitative retention of Retention of 10^7 cfu/cm^2 Brevundimonas diminuta (ATCC 19146) according to ASTM F838
- All component materials meet the FDA indirect Food Additive requirements cited in 21 CFR 177-182
- These products are manufactured in a facility which adheres to ISO 9001:2015 Practices

Specifications

MOC	
Media:	Polyvinylidene Fluoride
Support layers:	Polypropylene
Inner core:	Polypropylene
Outer cage:	Polypropylene
End caps:	Polypropylene
O-Rings:	EPDM, Silicone, Viton
Pore Size :	0.22 µm, 0.65 µm, 0.45 µm
Sizes	
Sizes :	1.5" , 2.5", 5", 10", 20", 30" inch
Operating Parameters	
Maximum operating temperature	80°C
Max. Operating Differential Pressure Forward:	4bar/21°C
Reveres:	2.4bar/80°C

Flow Rate Characteristics



Ordering Information: Cartridge Filter

IMA	Format	Media	Pore Rating	End cap	Length	O-Ring
IMA	C=Cartridge	PVDF	Q=0.1µm	7=Code7 (226)	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	S= silicon
			V= 0.22µm	5= Code 5 (222 with fin)	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	E=EPDM
			D=0.45µm	O= Code 0 (222)	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	V=Viton
			B= 0.65µm	F= Code F (DOE)	1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	
			DV= 0.45/ 0.22µm		2=20 inch SL=12400cm^2 / DL=10400 cm^2	
					3= 30 inch SL= 18600 cm^2 /DL= 15600 cm^2	

*SL = Single Layer
*DL = Double Layer

Example for Catalogue number: IMACV71S

Ordering Information: Capsule Filter

IMA	Format	Media	Pore Rating	Sterility	Length	End connection
IMA	K=Capsule	PVDF	Q=0.1µm	A= Autoclave	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	T= TC
			V= 0.22µm	G=Gamma	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	H1= HB 1/4"
			D=0.45µm	S=Pre sterile	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	H3= HB 3/8 "
			B= 0.65µm		1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	
			DV= 0.45/ 0.22µm		2=20 inch SL=13000cm^2 / DL=11000 cm^2	
					3= 30 inch SL= 19500 cm^2 /DL= 16500 cm^2	

*SL = Single Layer
*DL = Double Layer

Example for Catalogue number: IMAKVG2T

ImaPore™ Glass Fiber Filter

ImaPore™ Glassfiber Filters use ultra-fine glass fiber for high dust-holding capacity, ideal for pre- and precision filtration of gases and liquids. Their multilayer design enhances throughput, with a micro glass fiber layer for fine particle capture and a polypropylene layer to prevent media migration.

Applications

- Compressed air, respirator, process gas, special gas supply system, fermentation air
- Pre-filtration of pharmaceutical preparations
- Pre-filtration of Cell culture media
- Viscous or colloid-containing clarification

Features and Benefits

- High flow, low pressure loss
- Long service life
- No adhesives or binders
- Very low level of extractable
- High porosity

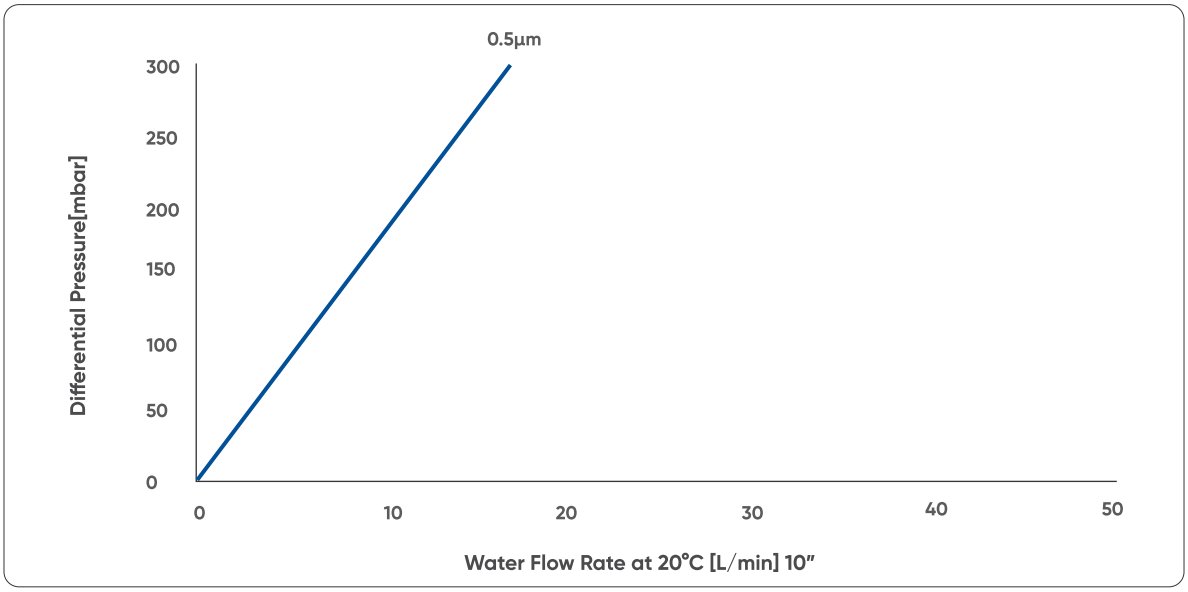
Quality Assurance

- All materials used in GF meet the requirements of FDA 21 CFR and EU No. 1935/2004 and EU10/2011
- Biological Safety : The component materials of GF pleated filter cartridges meet the criteria of the USP Biological Reactivity Tests In
- Bacterial Endotoxin: The aqueous extraction of GF pleated filter cartridges contains< 0.25EU/mL as determined by Limulus Amebocyte Lysate (LAL), meeting the requirements of Ch.P monographs for Water for Injection (WFI).
- Non- fiber releasing: GF pleated filter cartridge meets the criteria for "non-fiber releasing" standard as defined in 21 CFR 210.3 (b) (6).
- Extractable with WFI: The extractable levels under laboratory conditions are for reference only with WFI test passes as per USP <661>. Since extractable levels is not consistent under different solvents, concentrations, and contact times. It is recommended to test under actual process conditions
- All component materials meet the FDA indirect Food Additive requirements cited in 21 CFR 177-182
- These products are manufactured in a facility which adheres to ISO 9001:2015 Practices

Specifications

MOC	
Filter Media:	Glass Microfiber
Support layers:	Polypropylene
Inner core:	Polypropylene
Outer cage:	Polypropylene
End caps:	Polypropylene
End caps Inserts:	Polypropylene
O-Rings:	EPDM, Silicone, Viton
Pore Size :	0.22, 0.45, 0.65, 1.0 um
Operating Parameters	
Max. temperature:	80°C
Max. Differential Pressure Forward:	4bar/21°C
Reveres:	2.4bar/80°C

Flow Rate Characteristics



Ordering Information: Cartridge Filter

IMA	Format	Media	Pore Rating	End cap	Length	O-Ring
IMA	C=Cartridge	GF=Glass fiber	02=0.22µm	7=Code7 (226)	15= 1.5 inch SL=380 cm^2	S= silicon
			04= 0.45µm	5= Code 5 (222 with fin)	25= 2.5 inch SL=1600 cm^2	E=EPDM
			06=0.65µm	O= Code 0 (222)	5= 5 inch SL=3000 cm^2	V=Viton
			01= 1µm	F= Code F (DOE)	1= 10 inch SL=6200 cm^2	
					2=20 inch SL=12400cm^2	
					3= 30 inch SL= 18600 cm^2	

*SL = Single Layer
*DL = Double Layer

Example for Catalogue number: IMACGF0175S

Ordering Information: Capsule Filter

IMA	Format	Media	Sterility	Pore Rating	Length	End connection
IMA	K=Capsule	GF=Glass fiber	A= Autoclave	02=0.22µm	15= 1.5 inch SL=380 cm^2	T= TC
				04= 0.45µm	25= 2.5 inch SL=1600 cm^2	H1= HB 1/4"
				06=0.65µm	5= 5 inch SL=3000 cm^2	H3= HB 3/8 "
				01= 1µm	1= 10 inch SL=6200 cm^2	
					2=20 inch SL=13000cm^2	
					3= 30 inch SL= 19500 cm^2	

*SL = Single Layer
*DL = Double Layer

Example for Catalogue number: IMAKGFA025T

ImaPore™ PP Filter

The ImaPore™ PP series, high flow nominal rated pleated polypropylene cartridges are made of all poly-propylene pleated microfiber. These cartridges provide great filtration performance at a lower cost. The high flow rate, high dirt capacity and filtration efficiency make it the optimal solution for the pre-filtration of liquids.

Applications

- Clarification filtration for Pharmaceutical and Biopharmaceutical
- Food and Beverage
- Water purification
- Chemicals

Features and Benefits

- Broad chemical compatibilities
- Pleated surface provides superior flow rate and extended service life
- Available in nominal ratings from 0.1 to 40 microns for a range of precise size removal
- Welded technique eliminates the need for adhesives which can be contaminate source

Specifications

MOC	
Filter Media:	Polypropylene
Support layers:	Polypropylene
Inner core:	Polypropylene
Outer cage:	Polypropylene
End caps:	Polypropylene
End caps Inserts:	Polypropylene
O-Rings:	EPDM, Silicone, Viton
Pore Size :	0.2, 0.45, 1.0, 2.0, 5.0, 10.0, 20.0, 40.0µm
Operating Parameters	
Max. temperature:	80°C
Max. Differential Pressure Forward:	4bar/21°C
Reveres:	2.4bar/80°C
Steam sterilisation:	121°C for 30 min
Hot water sanitisation:	85°C for 30 min

Quality Assurance

- All materials used in PP meet the requirements of FDA 21 CFR and EU No. 1935/2004 and EU10/2011

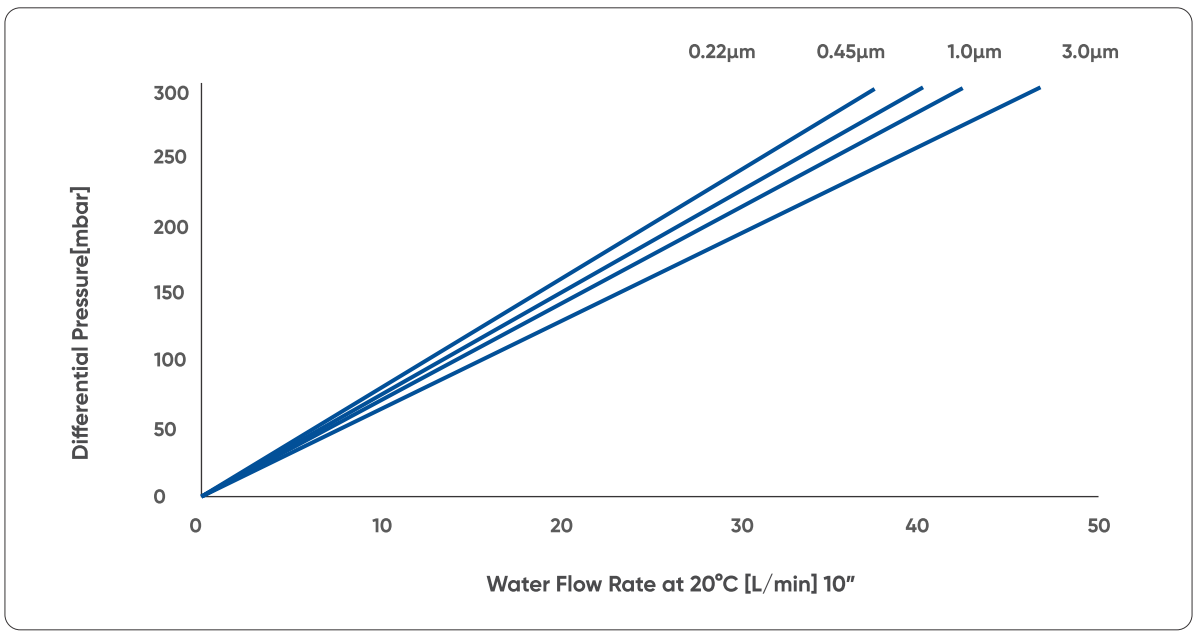
- Biological Safety : The component materials of Series PP pleated filter cartridges meet the criteria of the USP Biological Reactivity Tests In

- Bacterial Endotoxin: The aqueous extraction of Series PP pleated filter cartridges contains< 0.25EU/mL as determined by Limulus Amebocyte Lysate (LAL), meeting the requirements of Ch.P monographs for Water for Injection (WFI).

- Non- fiber releasing: Series PP pleated filter cartridge meets the criteria for "non-fiber releasing" standard as defined in 21 CFR 210.3 (b) (6).

- Extractable with WFI: The extractable levels under laboratory conditions are for reference only with WFI test passes as per USP <661>. Since extractable levels is not consistent under different solvents, concentrations, and contact times. It is recommended to test under actual process conditions.

Flow Rate Characteristics



Sterilization

- Steam-in-Place (SIP): Cartridge can be SIP Up to a maximum temperature of 125°C for 30 minutes, validated for 20 cycles
- Capsule Autoclaving is recommended at a maximum temperature of 126°C for 3 cycles of 60 minutes each.

*Note: Autoclaving beyond 3 cycles is subject to validation.

Ordering Information: Cartridge Filter

IMA	Format	Media	Pore Rating	End cap	Length	O-Ring
IMA	C=Cartridge	P=Polypropylene	A1= 0.2µm	7=Code7 (226)	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	S= silicon
			A2=0.45µm	5= Code 5 (222 with fin)	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	E=EPDM
			01=1µm	O= Code 0 (222)	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	V=Viton
			02=2µm	F= Code F (DOE)	1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	
			05=5µm		2=20 inch SL=12400cm^2 / DL=10400 cm^2	
			10=10µm		3= 30 inch SL= 18600 cm^2 /DL= 15600 cm^2	
			05=5µm			
			20=20µm			
			40=40µm			

Example for Catalogue number: IMACP1071V

*SL = Single Layer
*DL = Double Layer

Ordering Information: Capsule Filter

IMA	Format	Media	Sterility	Pore Rating	Length	End connection
IMA	K=Capsule	P=Polypropylene	A= Autoclave	A1= 0.2µm	15= 1.5 inch SL=380 cm^2 / DL=300 cm^2	T= TC
				A2=0.45µm	25= 2.5 inch SL=1600 cm^2 / DL=1400 cm^2	H= HB 1/4"
				01=1µm	5= 5 inch SL=3000 cm^2 / DL=2800 cm^2	H3= HB 3/8 "
				02=2µm	1= 10 inch SL=6200 cm^2 / DL=5200 cm^2	
				05=5µm	2=20 inch SL=13000cm^2 / DL=11000 cm^2	
				10=10µm	3= 30 inch SL= 19500 cm^2 /DL= 16500 cm^2	
				20=20µm		
				40=40µm		

Example for Catalogue number: IMAKPA053T

*SL = Single Layer
*DL = Double Layer

ImaPore™ Syringe Filters

A syringe filter is widely used for liquid clarification, sterile filtration, and sterile ventilation. Sample filtration is a critical step in analytical procedures, As ImaPoreTM syringe filter helps to protect highly sensitive analytical equipment from damage and unexpected downtime. Additionally, proper filtration ensures more accurate, reliable, and consistent analytical results.

Applications

- Sample Filtration: Suitable for routine laboratory and analytical sample preparation.
- Filtration of Aqueous and Organic Samples: Compatible with both water-based and organic solvents.
- Filtration of Difficult or Highly Turbid Samples: Effectively filters challenging, particulate-heavy solutions.
- Filtration of Highly Contaminated Samples: Ideal for pre-filtering viscous or heavily loaded solutions prior to final filtration.
- Particulate Removal: Efficiently removesparticulates to safeguard sensitive analytical instruments.
- Mobile Phase Filtration: Ensures clean, particulate-free mobile phases for HPLC and other chromatographic applications.

Features and Benefits

- Precision Manufacturing: Produced in acloakroomm environment, fully compliant with ISO 9001 quality management standards to ensure consistent performance, reliability, and product traceability.
- Broad Material Compatibility: Designed to work seamlessly with a wide range of materials and solvents, meeting the needs of various laboratory and industrial applications.
- User-Friendly Design: Features a unique, color-coded design for easy identification and handling, with a low hold-up volume to minimize sample loss.
- Superior Sample Integrity: Low extractable and minimal adsorption properties safeguard sample purity and ensure reliable, reproducible analytical results.

Quality Assurance

Each lot has been sampled, tested and released by the Quality Assurance Department for the following characteristics:

- Integrity
- Flow Rate Performance
- Burst Pressure
- Leakage Test o HPLC Testing
- Toxicity: Passes Biological Reactivity Tests, In Vivo for Class VI plastic as described in USP
- Indirect Food Additives: Complies with 21 CFR 210.3(b) (6).
- These products are manufactured in a facility which adheres to ISO 9001:2015 Practices

Specifications

MOC	
Membrane Types:	Nylon, PVDF, PTFE, PES, GF,PP
Membrane Diameter (mm):	13, 25,50mm
Outer cage:	Polypropylene
End caps:	Polypropylene
Pore Size:	(0.22µm, 0.45 µm, 0.6 µm, 0.8 µm, 1.2 µm)

Ordering Information: Syringe Filter

IMA	Format	Media	Pore Rating	Sterility	Length	End connection	Pack Size
IMA	S= Syringe filter	NY=Nylon	L=0.1µm	N= Non Sterile	13= 13 mm	H= Hose Barb	1=100
		V= PVDF (0.1, 0.22, 0.45, 0.6)	M= 0.22µm	S=Pre sterile	25=25 mm	L= Luer Lock	11=1000
		G =PES (0.1, 0.2, 0.45,0.6,0.8,1,2)	N=0.45µm		50= 50 mm		
		T= PTFE (0.1, 0.2, 0.45)	O= 0.6µm				
		GF = Glass Fibre (0.8, 1.5, 2)	P = 0.8µm				
		P = Polypropylene (1,3,5,10,20,40)	Q= 1.2µm				

Example for Catalogue number: IMASNYNN25L1

*H = Hose Barb
*L = Luer Lock

Stainless Steel Housings & Holder

Sanitary Liquid Filter Housing

Vent Housing

Gas Filter Housing

Steel Membrane Holder

Our Presence In World

Ami Polymer

Corporate Office | Manufacturing facility | Countries we supply

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