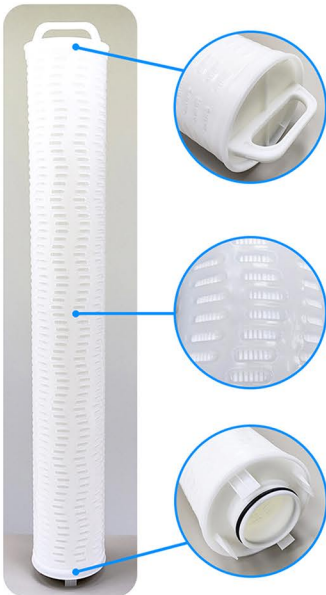


INTRODUCTION

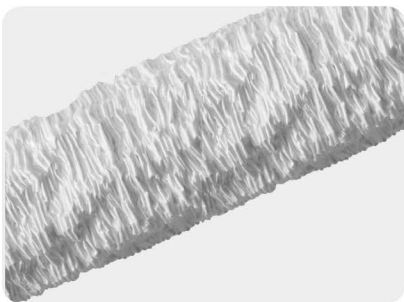
PRODUCT FEATURES

- High flow capacity, its flow handling capacity is stronger than that of traditional filter elements.
- Long service life, the filter element can accommodate more pollutants, extend the service life and reduce operation and maintenance costs.
- Good chemical compatibility, able to tolerate a variety of chemicals.
- High anti-fouling ability, with high sludge holding capacity, can filter high-concentration polluted liquids for a long time.

PRODUCT STRUCTURE DIAGRAM



Made from **100%** polypropylene/Glass fiber,
All materials comply with **CFR 21** requirements



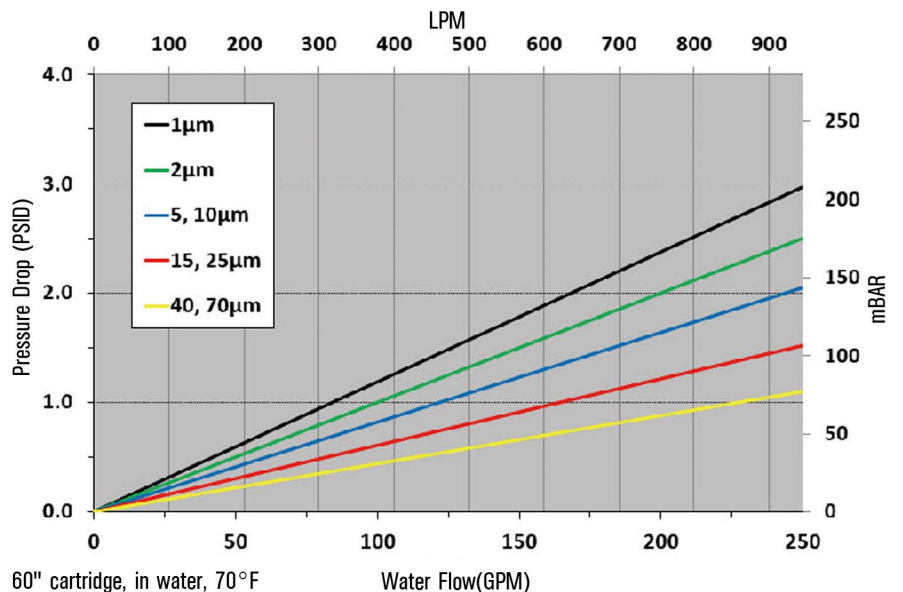
Compound radial pleat design Maximises the usable surface area per cartridge.

- [Filtration Media]: PP (polypropylene)/Glass fiber
- [Support Layer]: Non-Woven Fabric
- [Outer Support Cage]: PP (polypropylene)
- [Center Core]: Polypropylene/316L stainless steel
- [End Cap]: Glass fiber reinforced Polypropylene (PP)
- [O-Rings/Gaskets]: Silicone rubber/EPDM rubber/nitrile rubber/fluororubber/FEP Encapsulated Silicone
- [Connection process]: Sealed by hot melt welding, no adhesive
- [Typical applications]: Water treatment, Food and beverage industry, Pharmaceutical industry, Chemical industry, Electronics industry, Automotive industry, Oil and gas industry, Medical equipment and laboratories, Air and gas filtration and Environmental protection industry, etc.

3M FILTER CARTRIDGE SPECIFICATIONS

Product Size	Filtration accuracy: 1um,2um,5um,10um,15um,25um,40um,70um,100um
	Length: 20",40",60" (as customized)
	Diameter: OD.156mm, ID.73.5mm
Operating Conditions	Temperature(Max): Pleated PP: 71°C Glass fiber:93°C
	Differential Pressure (max): 3bar at 21°C
Note	Change Out ΔP (recommended): 2.4 bar
	All filter elements can be sterilized with hot water or steam as required, and stainless steel lining can be selected as required

PURE WATER FLOW RATE TEST DATA



INTRODUCTION

PRODUCT FEATURES

- The design of convenient handle significantly reduces the time of cartridge replacement and makes cartridge replacement simple and portable.
- The overall polypropylene design and hot melt welding treatment effectively prevent the end cap from falling off and secondary pollution.
- The design of sealed interface reduces the risk of bypass flow and ensures the sealing and reliability of filtration.

- [Filtration Media]: PP (polypropylene)/Glass fiber
- [Support Layer]: Non-Woven Fabric
- [Outer Support Cage]: PP (polypropylene)
- [Center Core]: Polypropylene/316L stainless steel
- [End Cap]: Glass fiber reinforced polypropylene
- [O-Rings/Gaskets]: Silicone rubber/EPDM rubber/NBR (nitrile)/Fluororubber
- [Connection process]: Sealed by hot melt welding, no adhesive
- [Typical applications]: RO pre-filtration, seawater desalination pretreatment; power plant condensate filtration; biopharmaceutical industry API, solvent, water filtration, etc.

PRODUCT STRUCTURE DIAGRAM



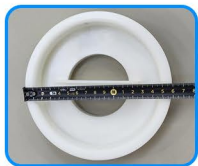
Filtration Media is **100%** polypropylene/Glass fiber ,
All materials comply with **CFR 21** requirements



Top A: 153mm



Top B: 158mm



Top C: 160mm

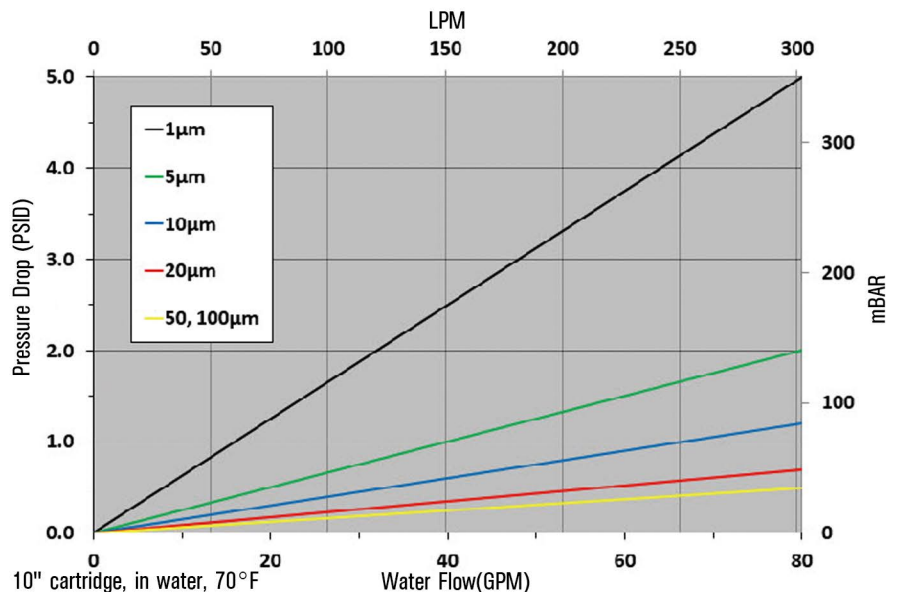


Bottom: 154mm

PALL FILTER CARTRIDGE SPECIFICATIONS

Product Size	Filtration accuracy: 1μm, 2μm, 3μm, 5μm, 10μm, 20μm, 40μm, 50μm, 70μm, 100μm
	Length: 20", 40", 60" (as customized)
	Diameter: OD.156mm, ID.73.5mm
Operating Conditions	Temperature(Max): Pleated PP: 82°C Glass fiber: 121°C
	Differential Pressure (max): 5.2 bar 20°C 3.4 bar 121°C for pleated glass fiber
	Change Out ΔP (recommended): 2.4 bar
Note	All filter elements can be sterilized with hot water or steam as required, and stainless steel lining can be selected as required

PURE WATER FLOW RATE TEST DATA



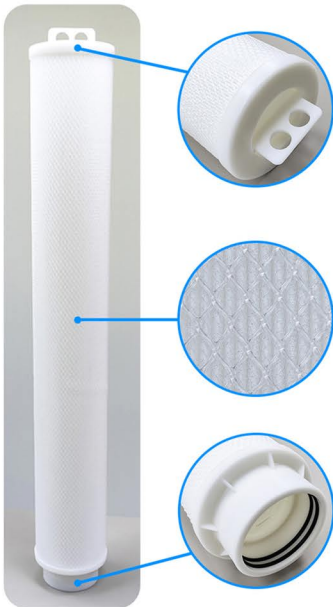
INTRODUCTION

PRODUCT FEATURES

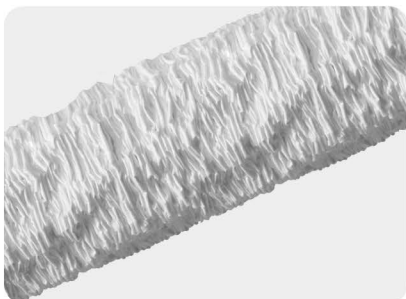
- The design of convenient handle significantly reduces the time of cartridge replacement and makes cartridge replacement simple and portable.
- The overall polypropylene design and hot melt welding treatment effectively prevent the end cap from falling off and secondary pollution.
- The design of sealed interface reduces the risk of bypass flow and ensures the sealing and reliability of filtration.

- [Filtration Media]: PP (polypropylene)/Glass fiber
- [Support Layer]: Non-Woven Fabric
- [Outer Support Cage]: PP (polypropylene)
- [Center Core]: Polypropylene/316L stainless steel
- [End Cap]: Glass fiber reinforced polypropylene
- [O-Rings/Gaskets]: Silicone rubber/EPDM rubber/NBR (nitrile)/fluororubber
- [Connection process]: Sealed by hot melt welding, no adhesive
- [Typical applications]: RO pre-filtration, seawater desalination pretreatment; power plant condensate filtration; biopharmaceutical industry API, solvent, water filtration, etc.

PRODUCT STRUCTURE DIAGRAM



Made from **100%** polypropylene/Glass fiber ,
All materials comply with **CFR 21** requirements



Compound radial pleat design Maximises the usable surface area per cartridge.

PARKER FILTER CARTRIDGE SPECIFICATIONS

Product Size	Filtration accuracy: 1um,2µm,3µm,5um,10um,20um,40um,50um,70um,100um
	Length: 20",40",60" (as customized)
	Diameter: OD.156mm, ID.73.5mm
Operating Conditions	Temperature(Max): Pleated PP: 82°C Glass fiber:121°C
	Differential Pressure (max): 5.2 bar 20°C 3.4 bar 121°C for pleated glass fiber
	Change Out ΔP (recommended): 2.4 bar
Note	All filter elements can be sterilized with hot water or steam as required, and stainless steel lining can be selected as required

FLOW RATE VS.CLEAN DIFFERENTIALPRESSURE

