



SILVER FILTRATION

SEDI-CART®

**FILTERING
EXCELLENCE IN
EVERY DROP**

**SINCE
2011**



INDIA'S LARGEST

**Manufacturer And Exporter Of
Water Filter Cartridges**

www.silverfiltration.com

Since 2011, Silver Filtration has proudly established itself as India's largest manufacturer and exporter of water filter cartridges, delivering unparalleled excellence to over 15 countries worldwide. Our globally proven brand, **SEDICART** is trusted by both public and private sector giants across the globe.

At the heart of everything we do is our customers. Our state-of-the-art R&D and Quality Excellence teams work tirelessly to create high-performance filter cartridges that meet and exceed industry standards. We are dedicated to innovation, ensuring that **SEDICART** products consistently deliver pure, safe water to our satisfied clients worldwide.



A Brand that is
trusted across the
world for manufacturing
high-quality, efficient
water filters cartridges

Certified for Purity, Trusted for Performance



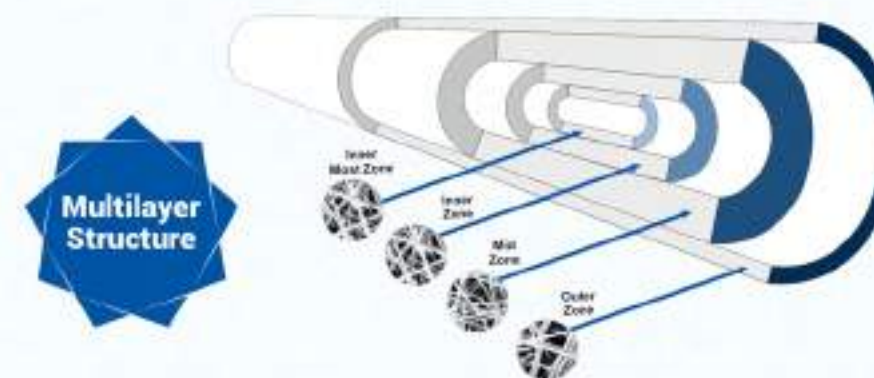
SILVER FILTRATION

MELT BLOWN FILTER CARTRIDGE

Feature:

- Made with 100% FDA Compliant Polypropylene Virgin Material
- No Binders, No Adhesives only Spun Bonded Filtration Fiber
- Multilayer Structure
- Excellent flow with low-pressure drop
- Thermally Bonded End Caps
- Strong Thermal Bonded End Fittings
- Wide Thermal and Chemical Compatibility
- Consistent Filtration
- Safe and Easy dispose

VARIOUS TYPES OF MELT BLOWN FILTER CARTRIDGE



SPECIFICATION							
Filter Media	Length	Inside Diameter	Outside Diameter	Maximum Temperature	Micron Rating	Initial ΔP(psi) at Flow Rate (LPM)	Various End Cap
100% Polypropylene Media	10", 20", 30", 40", 50", 60", 70" & Customized	0.79"(20mm), 1"(25mm), 1.1"(28mm), 1.18"(30mm), 1.97"(50mm) & Customized	2.5" (63mm), 4"(102mm), 4.5"(114mm), 6" (152mm) & Customized	150°F (68° C) for Polypropylene	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 micron	0.2 to 0.6 psi at 19 to 76 LPM (Depending on length and Micron Rating)	DOE, 222/Flat, 222/Fin, 226/Flat, 226/Fin, Extender

NORMAL

- Protection Of Your Downstream Equipment
- Excellent Flow With Low Pressure Drop
- High Dirt Holding Capacity
- Good Strength & Pressure Resistance

ORANGE

- Ultimate Protection Of Your Downstream Equipment
- Extreme Dirt Holding Capacity
- Ultimate Strength & Pressure Resistance
- Better Service Life

GROOVED

- Broad process fluid compatibility
- Good Chemical resistance
- Additional Surface are for better filtration
- Extra Service life
- low initial pressure drop
- Ultimate Dirt Holding capacity
- Better Flow Distribution

DOTTED

- Superior Surface Cavity Structure For Low Pressure Drop
- Unique Dotted-Pattern Creates Larger Surface Area For Better Filtration
- Better Dirt Holding Capacity
- Improved Flow Distribution

LINER

- Superior Filtration Efficiency
- Liner Design For Better Filtration
- Better Particle Removal Efficiency
- High Flow Rate
- Better Service Life

PP CORE

- Offering Excellent Filtration
- Better Performance Even Under High Pressure
- Help To Maintain Shape Under Extreme Pressure
- Robust Structure
- Designed To Withstand Aggressively Pressure Conditions



SILVER FILTRATION

PP YARN FILTER CARTRIDGE



- No Odor, Foaming, And Adhesive
- No Media Migration
- Jointless Precision Twisted Yarn For High Dirt Holding
- High Strength & Good Pressure Resistance
- Wide Range Of Fluid Compatibility
- Excellent Flow With Low Pressure Drop Design
- Optional Stainless Steel Inner Core For Extreme Performance
- Made with 100% FDA Compliant Polypropylene Virgin Material

BLEACH COTTON FILTER CARTRIDGE



- Stable and Consistent Filtration
- Thermally Bonded End Caps
- Precise Fiber Formation
- Excellent Flow With Low Pressure Drop Design
- High Temperature Consistent Of Good Performance
- High Strength & Good Pressure Resistance
- Pointless Precision Twisted Yarn For High Dirt Holding
- Optional Stainless Steel Inner Core For Extreme Performance

Specification:

Filter Media	100% Polypropylene Media
Length	10", 20", 30", 40", 50", 60", 70" & Customized
Inside Diameter	1.1" (28mm), Customized
Core Material	Polypropylene
Outside Diameter	2.5" (63mm), 4" (102mm), 4.5" (114mm) & Customized
Maximum Temperature	180°F (82° C) for Polypropylene
Micron Rating	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 micron
Various End Cap	DOE, 222/Flat, 222/Fin, 226/Flat, 226/Fin

Specification:

Filter Media	Bleach Cotton & Unbleached cotton
Length	10", 20", 30", 40", 50", 60", 70" & Customized
Inside Diameter	1.1" (28mm), Customized
Core Material	Polypropylene
Outside Diameter	2.5" (63mm), 4" (102mm), 4.5" (114mm) & Customized
Maximum Temperature	248°F (120° C)
Micron Rating	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 micron
Various End Cap	DOE, 222/Flat, 222/Fin, 226/Flat, 226/Fin

PP YARN WITH SS CORE FILTER CARTRIDGE



- Wide Thermal And Chemical Compatibility
- Engineered To Remove Suspended Solids
- Can Be Utilized In Pre-existing Filter Housings
- Higher Dirt Holding Capacity
- High Resist-pressure And No Distortion
- Doe Or Extended Stainless Steel Thread Adapter
- Large Area For High Flow Compatibility

Specification:

Filter Media	100% Polypropylene Media
Length	10", 20", 30", 40", 50", 60", 70" & Customized
Inside Diameter	1.1" (28mm), Customized
Core Material	Stainless Steel
Outside Diameter	2.5" (63mm), 4" (102mm), 4.5" (114mm) & Customized
Maximum Temperature	180°F (82° C) for Polypropylene
Micron Rating	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 micron
Various End Cap	On Request

GLASS FIBER FILTER CARTRIDGE



- Fits All Standard Housings
- Tight Inner Layers To Offer True Depth Filtration
- Designed To Perform For High Temperature And Corrosion Resistance Conditions
- Wide Range Of Chemical Compatibility
- Stainless Steel Inner Core For Extreme Performance
- Deliver Stable Performance Under Extreme Conditions

Specification:

Filter Media	Glass-Fiber
Length	10", 20", 30", 40", 50", 60", 70" & Customized
Inside Diameter	1.1" (28mm), Customized
Core Material	Stainless Steel
Outside Diameter	2.5" (63mm), 4" (102mm), 4.5" (114mm) & Customized
Maximum Temperature	752°F (400° C)
Micron Rating	1, 3, 5, 10, 20, 25, 30, 50, 75 & 100 micron
Various End Cap	On Request



SILVER FILTRATION



GAC FILTER CARTRIDGE

- Abundant Zigzag Micro-Pores
- Every Drop Of Water Comes In Completely Contact With Activated Carbon
- Gac Filters Are Made Of Fda Food Grade Housing And High-quality Granular Carbon
- Suitable For Ro Pre-filtration, Widely Used In Household And Commercial Water Purification
- Able To Block Large Impurities

SPECIFICATION							
Filter Media	Length	Inside Diameter	Outside Diameter	Maximum Temperature	Max Pressure	Micron Rating	Reducing
Carbon	10", 20"	1.1" (28mm)	2.5" (63mm)	125°F (52° C)	0.5MPa	5 micron	Chlorine, Color, Odor and Organic Impurities

CTO FILTER CARTRIDGE

- High Chlorine Taste, Odor And Bad Taste Reduction
- Extensive Chemical Compatibility, Serves Wide Range Of Application
- FBA Approved Material Provide Good Absorbency With No Particle Release
- High Flow Rate And Low Drop, High Filter Efficiency And Longer Service Life
- CTO Filter Cartridges Have Very Large Filtration Area And Super Strong Adsorption

SPECIFICATION							
Filter Media	Length	Inside Diameter	Outside Diameter	Maximum Temperature	Max Pressure	Micron Rating	Reducing
Carbon	10", 20", 30", 40"	1.1" (28mm)	2.5" (63mm), 4.5"	160°F (71° C)	0.5MPa	5, 10 micron	Chlorine, Color, Odor and Organic Impurities



PLEATED FILTERS FILTER CARTRIDGE



- Large Surface Area Design, To Achieve Low Pressure Drop
- Excellent Dirt Holding Capacity
- Available In Absolute And Nominal Ratings
- Wide Chemical Compatibility
- Made With Cutting Edge Thermal Bonding Technology
- Stable And Consistent Filtration

SPECIFICATION:

Filter Media	Polypropylene Media
Length	10", 20", 30", 40" & Customized
Inside Diameter	1.1" (28mm), Customized
Outside Diameter	2.8" (69mm) & Customized
Maximum Temperature	80° C
Micron Rating	0.1, 0.2, 0.45, 0.5, 1, 5, 10, 20, 40 & Customized
Various End Cap	Polypro-226, Flat/Closed, Poly-222, Fin/Bayonet



PP BAG FILTERS CARTRIDGE

- Material Has The Ability To Handle Viscous Fluids
- Fda Complaint Material And Free From Silicon Contamination
- Low Unit-cost Bags Are Collapsible For Easy Handling
- High Flow Rate And Low Pressure Drop
- Rating Of Felt Liquid Filter Bags Can Made From 1 To 200 Microns

SPECIFICATION					
Filter Media	Collar	Micron	Size	Maximum Temperature	Max Diff. Pressure
Polypropylene	Polypropylene & SS	1, 5, 10, 20, 50, 100, 200	4"x20", 7"x16", 7"x32" & Customized	80°C	2.5 Bar

NYLON BAG FILTERS CARTRIDGE

- A Wide Range Of Retention Rating From 1 To 200 Microns
- Inside-outside Flow Configuration, Effectively Captures Contaminants On The Inside
- Nylon Bag Filters Known For Its Strong Mechanical Properties, Abrasion Resistance, And Good Chemical Compatibility With Many Substances.
- Nylon Bag Filters Can Generally Handle Temperatures Up To Around 120 C (248 F), Making It Suitable For A Variety Of Industrial Processes.
- Patented Sds & Sts Pressure Seal Rings, Steel Snap-fit Rings.

SPECIFICATION					
Filter Media	Collar	Micron	Size	Maximum Temperature	Max Diff. Pressure
Nylon	Polypropylene & SS	1, 5, 10, 20, 50, 100, 200	4"x20", 7"x16", 7"x32" & Customized	135°C	2.5 Bar

SOE FILTER (Single Open Ended)

SOE (Single Open Ended) - As the name shows, Single Open Ended cartridges have one end fixed. This seal is typically proficient by utilizing a polypropylene end cap. By utilizing a cap toward one side, filter sidestep is unthinkable, so frameworks that require higher virtue filtration commonly execute this kind of cartridge filter. The higher cost related to the end cap keeps this type from being utilized as a part of general applications.



Polypro Core Extender: A Special Snap-in Extender Is Available For Polypropylene Cores, Designed For High Strength And High Flow Rates

Poly- 222: This sort of filter is quite often SOE, using a cap toward one side. They contain twofold gaskets that seal against the cartridge filter housing to provide better bypass protection than a typical DOE cartridge.



Polypro-226: Also known as sanitary cartridge filters, Type 226's have double gaskets which are similar to the Type 222. Locking fins are included with this type of cartridge, which ensures proper installation of the filter. When installing this type of cartridge into the sanitary cartridge filter housing, it must be properly lined up with the opening and twisted as it is pushed in. This ensures a full lock and proper bypass protection.

Flat /Closed End: Typically used with DOE and Type 222 compatible cartridge filter housings, flat end cartridges are SOE with a flat plastic cap used for the seal.



Fin: An SOE cartridge with a pointed cap instead of a flat one. It utilizes a bracket to eliminate the ability of the cartridge to sway, allowing it to maintain a seal. Type 226 cartridges may also have this end configuration.



SILVER FILTRATION



PP FILTER HOUSING

- 100% virgin polypropylene lodgings accessible for high virtue water.
- Standard Filter Housings offer brilliant compound protection qualities.
- Polypropylene filter housings can withstand a wide range of temperatures, from sub-zero to high temperatures up to 180 degrees Celsius.
- Polypropylene material for wide chemical compatibility.
- High pressure retention capacity.
- Polypropylene filter housings are easy to clean and maintain, ensuring reliable and consistent filtration performance.
- Easier cartridge changeout.

SPECIFICATION					
Material	Size	Connection Size	Connection Material	Cap Material	Air Vent
Durable Polypropylene	10", 20" (Slim Housing) & 10", 20" (Big Blue Housing)	1", 1.5"	Brass or Threaded	Polypropylene	Push Button or Threaded

SS FILTER HOUSING

- Made With High Engineered Material.
- Complete Stainless Steel Material For Corrosion Resistance.
- Innovative design for Secure Sealing.
- Also Available With Customized Configuration
- Available In Single And Multiple Modules
- Clamp For Easy Change Out

SPECIFICATION					
Material	Size	Connection Size	Connection Material	Sell Material	O Ring
SS 304, SS 316, SS 316L & Customized	10", 20", 30" And 40"	1/2", 3/4", 1"	Stainless Steel	Stainless Steel	Stainless Steel



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■ The Quality Drive...

Quality

Will Always Prosper,
Where Creativity and
Experience
are a Perfect Match...

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SILVER FILTRATION

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