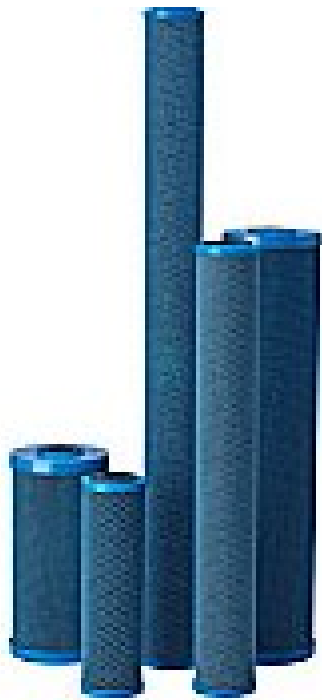


CARTRIDGE FILTER / HOUSING



Pleated Filter Cartridge

Reduces sand, sediment, silt, and rust.

Washable, reusable and economical.

Filter Pleated Filter

Our Pleated Filter Cartridges are washable, reusable, and durable, because of this the cartridge has an extended life span and is more economical. It also has an increased dirt holding capacity so cleaning is required less often.



Design/Applications

Our Pleated Filter Cartridge is constructed out of non-woven polyester with a polypropylene core to provide maximum strength. The ends are immersed in thermo setting vinyl plastisol which seals the end of each pleat uniting the three components and forming a strongly bonded end cap for enclosed sealing to avoid bypass. This makes the Polyester pleated Filter Cartridge great for residential, commercial, and industrial applications.

Specifications

Dimensions:	Outside Diameter: 2.5" (63mm), 4.5" (115mm) Inner Diameter: (28mm) Length: 9.75"(248mm), 9.87"(251mm), 10"(254mm), 20"(508mm), 30"(762mm), 40"(1016mm)
Material of Construction:	Filter Media: Polyester End Caps: PU/Plastisol Center Core: Pure Polypropylene.
Performance:	Removal Rating: 1µm, 5µm, 10µm, 20µm, 50µm Maximum Operating Temperature: 100°F (37.8°C) Maximum Operating Pressure: 4.0Bar

String Wound Filter Cartridge

Features:

- Fits most standard housings
- Low Pressure drop
- High Dirt holding capacity ensures a long service life
- Made of various filter media to fit all applications



Description:

Our string wound filter cartridges are manufactured with structured open outer layers and tight inner layers which can offer true depth filtration for high dirt holding capacity and extremely low media migration. Various filter Medias available to ensure temperature and chemical compatibility. The main advantage of the string wound filter cartridge is its exceptionally high structural strength, therefore, they can withstand higher PSID and severe operating conditions.

Applications:

The String wound Filter Cartridge is constructed out of 100% polypropylene string that is wound on a rigid polypropylene core for greater surface area and strength as well as high dirt-loading capacity. String Wound Filter Cartridges are also offered in Bleached Cotton. These filters can be used for the pre-filtration of drinking water, acid based liquid in chemical processing, food/beverage, as well as many other applications.

Specifications for String Wound Filter Cartridges

Specifications for String Wound Filter Cartridges		
Dimensions	Outside Diameter	2.5"(63mm), 4.5"(115mm)
	Inner Diameter	1.1"(28mm), 1.2"(30mm)
	Length	9.75"(248mm), 9.87"(251mm), 10"(254mm), 20"(508mm), 30"(762mm), 40"(1016mm)
Material of Construction	Filter Media	Polypropylene, Bleached Cotton, Glass Fiber
	Core	Polypropylene, Stainless Steel
Performance	Micron Rating	1µm, 5µm, 10µm, 20µm, 30µm, 50µm, 75µm, 100µm
	Max Operating Temperature (Polypropylene)	140°F (60°C)
	Polypropylene Recommendation	Polypropylene material for non-organic solvent
	Max Operating Temperature (Bleached Cotton)	248°F (120°C)
	Bleached Cotton Recommendation	Bleached Cotton Material filter cartridge with stainless steel core used for organic solvent, water, oil, alkalinity solvent, beverage, pharmaceutical

PP Melt Blown Filter Cartridge

Features

- 100% Polypropylene
- Three layered structural design
- Designed to fit most filter housings



Description

Our PP Melt Blown Filter Cartridge is made to remove sand, dirt, rust and suspended particles, while maintaining high filtration ratings and an exceptional pollutant holding capacity.

Applications

Melt Blown filter cartridges can be used in a multitude of applications such as but not limited to: Drinking Water Treatment, Industrial Water Treatment, Chemicals and solvents, Pre-filtration for Reverse Osmosis (RO) equipment, and Electronics

Specifications for PP Filter Cartridges		
Dimensions	Outside Diameter	2.5" (63mm), 4.5" (115mm), custom sizes available upon request)
	Inner Diameter	1.1" (28mm), 1.2" (30mm)
	Length	9.75" (248mm), 9.87" (251mm), 10" (254mm), 20" (508mm), 30" (762mm), 40" (1013mm), 50" (1270), 60" (1524mm)
Material of Construction	Filter Media	Pure Polypropylene
	End Caps	Pure Polypropylene
	Core	Pure Polypropylene
	Gasket/O-Ring	Silicone, EPDM, NBR, Viton
Performance	Micron Rating	1µm, 3µm, 5µm, 10µm, 25µm, 50µm, 75µm, 100µm, 150µm
	Max Differential Temperature	2.0 Bar @ 69.8°F (21°C)
	Max Operating Temperature	179°F (82°C)

Carbon Filter Cartridge

Chlorine Reduction. Great dirt holding capacity.

Carbon Filter Cartridges

Carbon Filter Cartridges have a combination of carbon impregnated cellulose and pure polypropylene Melt blown. Pure Polypropylene Melt Blown works as the center core and reduces sediment, rust, and silt. The carbon wrap reduces chlorine, odor, and bad taste. **Applications**

The Carbon Filter Cartridges can be used for a multitude of applications such as; Drinking water, Food/Beverage, and Industrial water treatment.



Specifications

Dimensions:

Outside diameter: 6.7" (68mm), 4.5" (115mm)
 Inner diameter: 1.1" (28mm)
 Length 9.75" (248mm), 9.87" (25mm), 10" (254mm), 20" (508mm)
 Custom sizes available upon request.

Material of Construction:

Filter media: Pure Polypropylene Melt Blown and Carbon Impregnated Cellulose
 End Caps: Pure polypropylene
 Gasket: EPDM
 Netting: Polyethylene

Performance:

Removal Rating: 1 μ m, 5 μ m, 10 μ m, 20 μ m
 Maximum Operating Temperature: 125°F (52°C)
 Maximum Operating pressure: 43.5 PSI (3.0 Bar)
 Maximum Differential Pressure: 43.5 PSI (3.0Bar) @ 68°F (20°C)

Water Filter System + Ultraviolet Light

Detailed Description

Stage 1: Pleated Sediment Filter 20 Micron

This gives them a higher surface area to catch more debris and a much longer life duration before replacement is necessary. They can be washed and removed time and time again, until they begin to perforate, then they will need to be replaced.

Stage 2: Poly Spun Sediment Filter 5 Micron

These cartridges are standard Australian Size. These economical high performance sediment cartridges are constructed from polypropylene which is spun and melted simultaneously. This technique means there is no centre core to restrict filter performance.

These sediment filters are compatible with most liquids and are highly effective for sediment, rust, sand, silt, and algae removal.

Stage 3: Coconut Carbon Block Filter | ULTRA Grade 0.5 Micron (4-12N)

Stage 4: Ultraviolet Water Sanitation

The Ultraviolet Light eradicates 100% of the bacteria and viruses you can commonly find in tank and dam water, leaving you with safe, great tasting drinking water. Standard filtration alone is not enough to remove bacteria and Viruses from the water. You can temporarily achieve this through sanitation with a product such as Hydrasil but this is an ongoing maintenance which can be costly in the long run.





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