

MELT BLOWN SPUN FILTER CARTRIDGE (POLYPROPYLENE)

PPF filters thermally bonded polypropylene spun filter cartridge utilize graded density media that is well suited for clarification & pre filtration applications where high particular removal is essential. The all- propylene construction provides excellent thermal and chemical compatibility with high and low pH chemicals. Also the graded density design efficiently captures contaminants throughout the media matrix resulting in excellent contaminants holding capacity, increased lifetime and low pressure drop.

In water applications polypropylene media does not impart taste, odor or colors into the solution. For industrial applications, polypropylene offers superior chemical resistance and is not prone to bacterial attack. The thermal bonding process of the media eliminates the need for a core collapse. This process also greatly reduces fiber migration.

Spun bonded cartridge can be used either as a pre- filter or final filter of industrial, chemical process, Pharmaceutical, food/beverage, cosmetics, water treatment and other applications.

PPF filters cartridge is available in a wide range of lengths and micron sizes. Two sizes are available – standard and jumbo as per your flow rate and volume requirements.



Features & Benefits:

- Remove rust, sand silt sediment and suspended in purities.
- High flow rates and low pressure drops.
- Wide chemical compatibility.
- Particles removed through the entire depth of filter cartridge.
- Graded density structure for maximum dirt holding capacity.
- Supported core for overall strength.
- Thermal bonding process stops media migration.
- Contains no resin binder, solvent, wetting or antistatic agents.

Product specification:

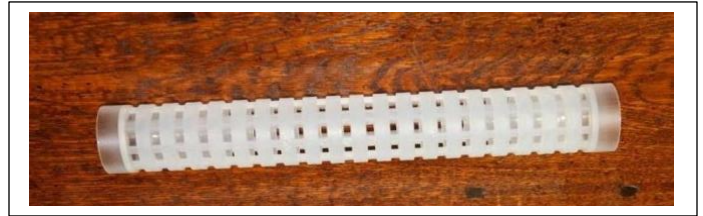
Micron Rating	1, 5, 10, 20u
Length	10", 20", 30", 40"
Inner Dia for standard size Inner Dia for standard Jumbo size	28mm 28mm
Outer Dia size Outer Dia for Jumbo size	60-65mm 100-110mm
Max Operating Temperature	80° C
Max Differential Pressure	3-4 bar (50 psi) @ 21° C

Product Image:



Construction:

- Filter Media : 100% Polypropylene Fiber
- Support Media: Polypropylene Fiber
- Inner core: Polypropylene cage



Configuration:

- Double open end type (DOE)
- Design Rib lining , Dots and Plain
- We can also produce any size as customer needs.

Application:

- RO Treatment of Water
- Chemical Industries
- Color & Dyes Industry
- Water Treatment Industries
- Pharmaceutical Industry
- Textile Industry
- Edible Oil
- Electronics
- Cosmetics