SS FILTERS PVT. LTD
THE TRUST FOR PROCESS FILTRATION !!

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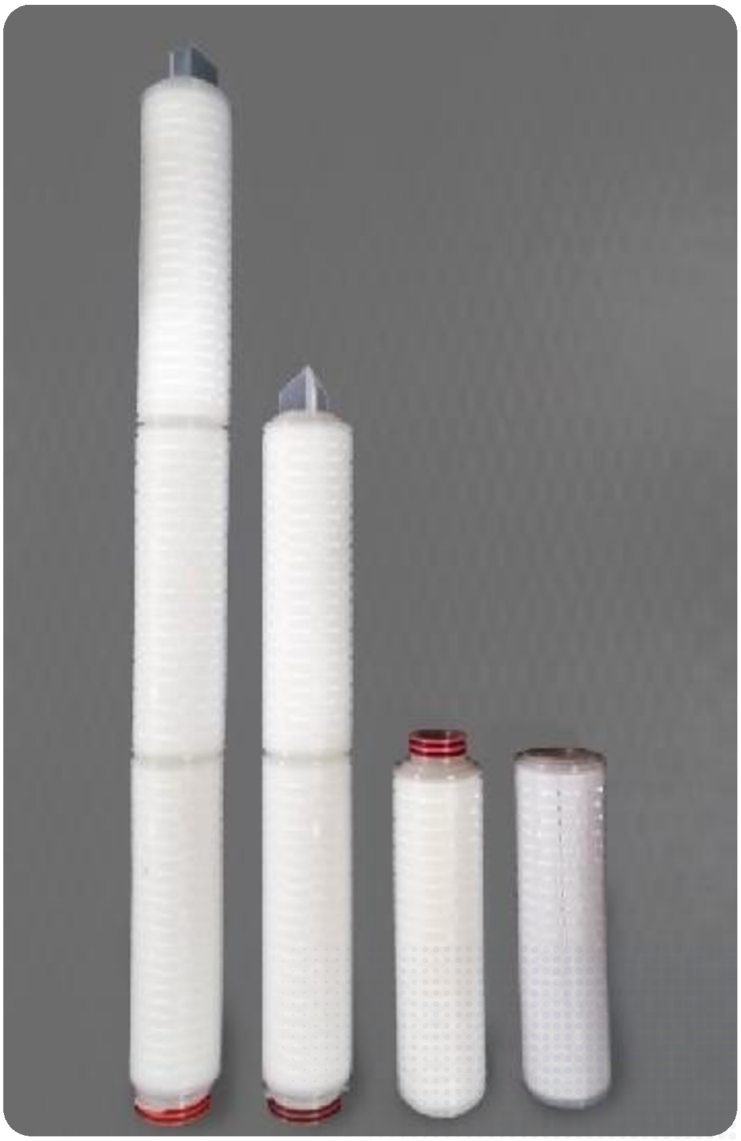
FLOWFILT SYNTHETIC NANO-FIBRE PLEATED FILTER CARTRIDGE

The Nano-fiber media used in our filter cartridges is actually composed of different layers, each layer increasingly more efficient for finer and finer filtration. The Nano-filter layer has the smallest fibers and provides the optimum in filtration efficiency, capacity and flow ability. The Nano - fiber layer has a diameter size range between 600 to 800 nanometers.

The support layers are standard polyester or polypropylene to suit temperature and compatibilit y requirements. Synthetic Nano-fiber Pleated filter cartridges help to reduce filtration costs and premature clogging when filtering difficult-to-filter or highly contaminated solutions. For maximum efficiency, these cartridges are rated to:
Beta 5000 (99.98% efficient and the given micron rating.



Applications :

- Diesel Exhaust Fluid (DEF)
- Wines & Flavored drinks
- Bioprocessing of food products
- Plating solutions
- Solvent filtration
- Inks & Coatings

CONFIGURATION:

- Code 7S (226- double 'O' Ring / Fin)
- Code 3 (222 – double 'O' Ring / Fin)
- Double Open End (DOE)

MATERIAL OF CONSTRUCTION:

- Filter media: 100% Synthetic Nano-Fibers
- Support media: Polypropylene / Polyester
- Cartridge MOC: Polypropylene
- 'O' Ring/ Gaskets: Silicone/ EPDM

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Features & Benefits :

- Exceptionally high flow rates with low pressure drops.
- No effect on thickness of substrate.
- Possibility of designing high permeability (low restriction), High Efficiency filter media – smaller fibers or long-life filters.
- Substantial improvement in initial filter efficiency.
- Higher other performance (effect dependent on the difference of fiber diameters of the coarse media & Nano-fibers)
- Excellent wet strength for easy handling and filter integrity.

Products & Specifications:

Micron Rating	0.5, 1, 2,5, 10 Microns
Length	250 mm to 1000 mm
Inner Dia	Approx. 28 mm
Outer dia	Approx. 65-67 mm
Effective surface area per 10" element	7.5 sq. feet (0.6 msq.)
Max operating temp	75 ˚C continuous
Sterilization Autoclave Hot water	121 ˚C, 30 min, 10 times 80 ˚C, 30 min, 30 times

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