

Product Lines

Ultra-Flow Coreless Depth Filter Cartridge

Filtteck Ultra-Flow depth filters have been designed and developed to replace the Pall Coreless product, and substantially reduce operating costs. Ultra-Flow filters have two major design characteristics. The first is a multi-layer structure with fine fibers in the inner layer and coarse fibers in the outer, leading to graded pore diameters and true depth filtration. The graded depth filtration means that Ultra Flow filters have longer service life and lower pressure drop than competing products. The second feature is the large design dimensions. With an inner diameter of 115mm and an outer diameter of 152mm Ultra Flow filters are suitable for high flow rates, reducing equipment space and frequency of replacing filters.

Features & Benefits

- Replaces Pall Coreless, Polypropylene and Nylon filter media are available.
- Formed by thermal bonding with no resins, binders or adhesives.
- High flow rate, low pressure drop and reduced operating costs.
- Multi-layer structure, high contaminant holding capacity, longer filter service life..
- Compatible with a wide range of process fluids.
- Certificated by NSF42 and FDA CFR Title 21.
- In compliance with the latest EC Directive for food contact.

Operation conditions

- Maximum operating forward pressure:

Polypropylene	Nylon
80°C: 1.0 kg/cm ²	120°C: 1.0 kg/cm ²
20°C: 4.0 kg/cm ²	20°C: 4.0 kg/cm ²



Product specifications

Micron ratings: nominal 1,5,10,20,40,70,100 micron

Material of construction: 100% melt-blown micro-denier PP fiber /Nylon fiber

Length: 10", 20", 30", 40"
(254mm,508mm, 762mm, 1016mm)

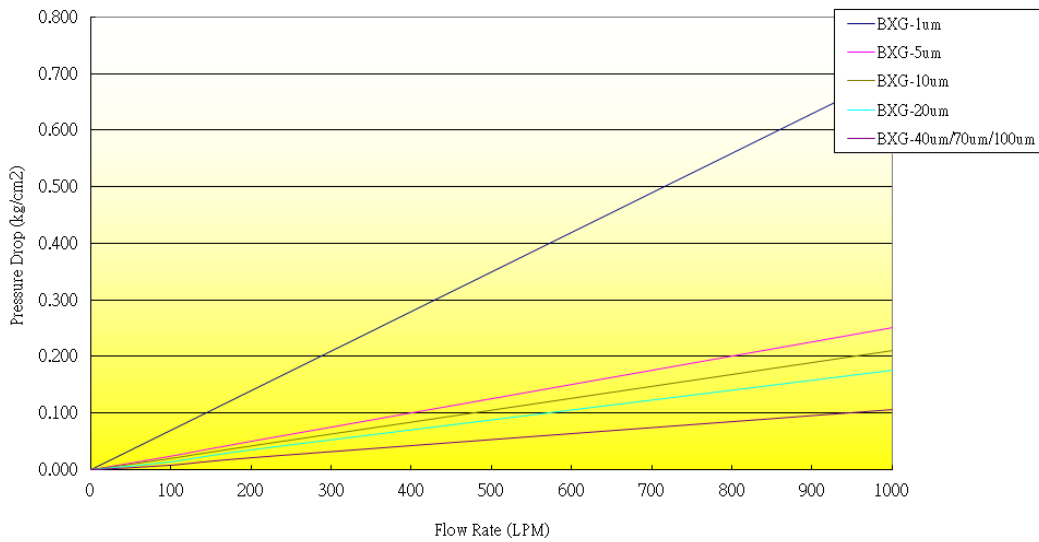
Inner diameter: 115 mm

Outer diameter: 152 mm

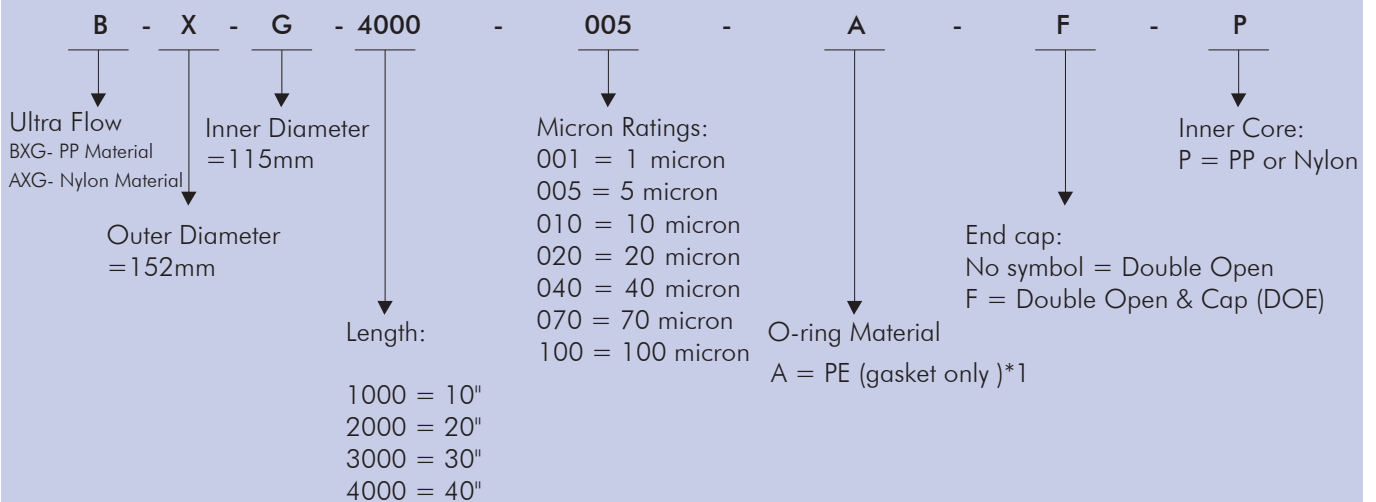
The Efficiency of Ultra-Flow Coreless Depth Filter Cartridge

Efficiency of Filtration

Pressure vs Flow Rate of Ultra-Pure



Ordering Information



*1: PE gasket with Max. temperature 60°C