PALL Water

Profile® Coreless Filter Elements

prelude

Profile Coreless filter elements combine proven Profile depth filter technology with a design that eliminates the core to provide a convenient, cost efficient and environmentally-friendly solution for high flow rate applications.

The large diameter filter element features low differential pressure polypropylene, nylon or polyphenylene sulphide (PPS) medium, meaning fewer elements are required for a given flow rate. Filter vessels are correspondingly smaller, resulting in lower capital and installation costs, as well as reduced operating costs.

CONVENIENCE

The Profile Coreless filter element fits over a 316L stainless steel core, which is retained inside the filter housing. At changeout, the element is simply pulled up over the core, which is then ready to accept the replacement element. By retaining the metallic core, the Coreless design significantly reduces the amount of waste material to dispose of, providing a lower cost, more environmentally-friendly option.

EFFICIENCY

The combination of a continuous graded pore prefilter section and a high performance inner section is an ideal combination, giving low clean differential pressure, high liquid flow rates and long service life.

FEATURES

- Large diameter cartridge utilizing low differential pressure media
- Separate stainless steel core retained in the filter housing
- Proven depth filter technology / continuous graded pore structure
- Polypropylene, nylon or polyphenylene sulphide (PPS) filter media
- Fully disposable design

BENEFITS

- Smaller systems with low capital cost, low installation costs and reduced operating costs
- Providing high liquid flow rate capability, ease of fitment, low operating costs and increased cost efficiency
- Reliable, consistent and verifiable filtration performance
- Compatible with a wide range of applications
- Less waste materials, lower cost of disposal and more environmentally-friendly

OPERATING CHARACTERISTICS IN COMPATIBLE FLUIDS[1]

MAX. DIFFERENTIAL PRESSURE	OPERATING TEMPERATURE		
	POLYPROPYLENE	NYLON	POLYPHENYLENE SULPHIDE (PPS)
4.0 bard (58 psid)	30 °C (86 °F)	32 °C (89.6 °F)	20 °C (68 °F)

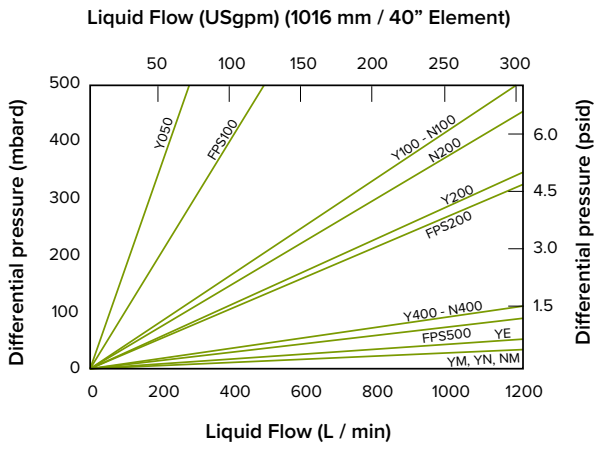
[1] Compatible fluids are defined as those which do not swell, soften or attack any of the filter components.

CORE ASSEMBLY SEALS[2]

SEAL MATERIAL
Ethylene Propylene Rubber (EPR)
Fluorocarbon Elastomer
FEP encapsulated Fluorocarbon Elastomer
Nitrile

[2] Removable option only.

FLOW RATES



For clean water at ambient temperature for liquids of viscosity other than 1cP multiply the ¢P by the viscosity in cP.

MATERIALS OF CONSTRUCTION

Filter Element	Polypropylene, Nylon or Polyphenylene Sulphide (PPS)
Core Assembly	316L Stainless Steel

ADDITIONAL INFORMATION

HOUSINGS

To order Housings for Profile Coreless Filter Elements, please contact Pall Water for more details.

ORDERING INFORMATION

To order Profile Coreless Filter Elements, please contact a Pall Water Representative or visit our online store today.

PALL Water

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