

Core-less all PPS cartridges to deliver cost-effective, high-performance high-flow and high-temperature filtration solutions

# 150PPS FILTER CARTRIDGES

## CORE-LESS ALL POLYPHENYLENE SULPHIDE (PPS), LOW DIFFERENTIAL PRESSURE, HIGH FLOW FILTRATION FILTERS

Cobetter™ 150PPS Core-less Filter Cartridges are designed without a core for environmentally-friendly applications where high performance and low cost are paramount.

These filters feature 100% Polyphenylene Sulphide (PPS) media guaranteeing excellent chemical stability, electric isolation, and thermostability. Large diameter core-less cartridges feature low differential pressure, particularly suitable for high flow filtration.

FEATURE	BENEFIT
<b>Core-Less, Polyphenylene Sulphide (PPS) Media</b>	<p>Low differential pressure media with a large diameter cartridge making it suitable for high liquid flow</p> <p>Ideal for high flow and high temperature applications. PPS media provides excellent performance in chemical stability, electric isolation, and thermo-stability.</p> <p>Ideally designed to fit with 316L stainless steel core. Quick and easy installation/removal over the core which leaves the core in the filter housing. (Separate stainless steel core remains in the filter which results in a lower disposal cost and more environmentally-friendly.)</p>
<b>Standard Size/Construction</b>	<p>Direct replacement for other core-less products.</p> <p>Simple structure with easy operation and low installation and operational costs.</p>
<b>Quality Assurance</b>	<p>Manufactured in a facility which adheres to ISO 9001 Practices.</p>

### SPECIFICATIONS

<b>Filter Element</b>	Polyphenylene Sulphide (PPS)
<b>Effective Filtration Area</b>	0.48m <sup>2</sup> (40 inch)
<b>Diameter</b>	Outer: 150.0 ±2.0 mm (5.9") Inner: 112.0 ±2.0 mm (4.4")
<b>Max. Temperature</b>	205°C
<b>Max. Differential Pressure</b>	0.28 MPa (2.8 bar, 41 psi) at 93°C

### RETENTION

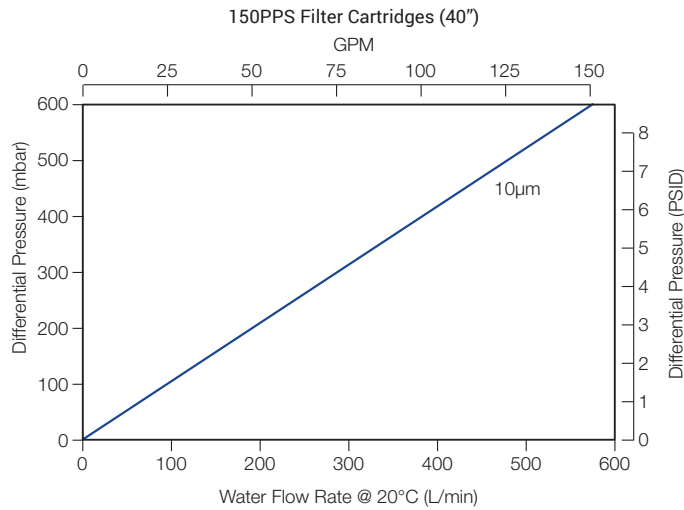
<b>Removal Rating in liquid (µm)</b>	10 µm
<b>Removal Rating in gas at 0.3 µm</b>	99.999%



### Typical Applications

- Gas Filtration
- Midstream Gas and Oil Filtration
- Refineries
- Pre-filtration and Polishing in the Manufacturing Industry

## FLOW RATES



## ORDERING INFORMATION

EXAMPLE: **150PPS200020** = 20 µm, 20" length filter

### 150PPS



#### Removal Rating

1000 = 10 µm

2000 = 20 µm

5000 = 50 µm



#### Nominal Length

20 = 20"

40 = 40"



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