

HIGH-CAPACITY FILTERS FOR EFFICIENT SEPARATION OF SOLIDS & LIQUIDS

**HIGH CONTAMINANT HOLDING CAPACITY
LARGE DIAMETER, HIGH FLOW
UNIQUE LAYERED CONSTRUCTION**

High-capacity (HC) Filter cartridges from Celeros Flow Technology remove high volumes of solid contaminant to $\beta 5000$ efficiency levels while ensuring minimal impact on process parameters.



DOLLINGER®

PLENTY®

Available in a range of cartridge lengths & particulate grades, our HC Filters are available to order as spares, or as part of a total filtration solution. Each HC Filter cartridge features a unique layered & pleated media pack construction, designed for maximum particle retention & absolute rated performance across a wide range of particulate sizes.

The inside-to-out flow pattern combined with a positive O-Ring seal arrangement guarantees high-efficiency contaminant removal and increased dirt holding capacity, prolonging service life. The filter cartridge is designed for efficient element removal and replacement and ensures that no trapped particulate accidentally falls into the clean side of the filter housing.

HC Filter cartridges are available with polypropylene and glass microfiber filtration media in absolute $\beta 5000$ (99.98%) ratings from 1 to 90 microns.

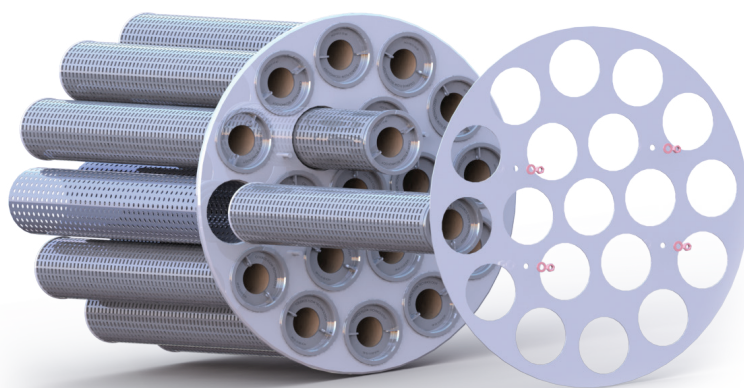
TYPICAL APPLICATIONS

- Amine/Glycol Systems
- Liquid Separation Pre-Filtration
- Process Water
- Power Generation
- Specialty Chemicals
- Water Treatment
- Seawater Systems
- Injection & Source Water
- Machining & CNC Coolant

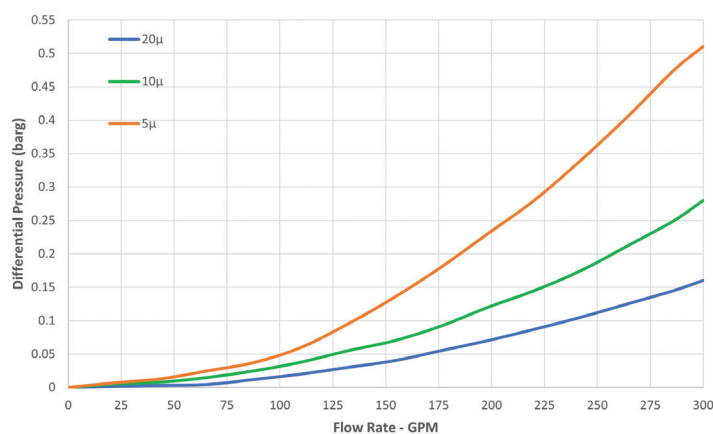


SPECIFICATIONS

Cartridge Diameter	6" (152mm)
Cartridge Length	20", 40", 60"
Rated Flow Rate (USgpm)	175, 350, 500
Filtration Media	Polypropylene Glass Fiber w/ Polyester Polyester
Maximum Service Temperature	Polypropylene – 82°C Glass Fiber w/ Polyester – 120°C
Support Material	Polypropylene Polyester / Nylon Stainless Steel
End Caps	Glass Filled Polypropylene Glass Filled Acetal
O-Ring Material	EPDM FKM BUNA-N Neoprene
Micron Ratings (µm)	1, 2, 5, 10, 20, 40, 70, 90
Retention Ratings	β_{5000} (99.98%)
Maximum Differential Pressure	2.5 – 3.0 barg Changeout
Flow Direction	In to Out



Typical multi-cartridge bundle
19 x 40" long, 36" N.B. – 6,650 USgpm capacity



Flow vs DP curve: 40" long cartridge – 73mm orifice

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