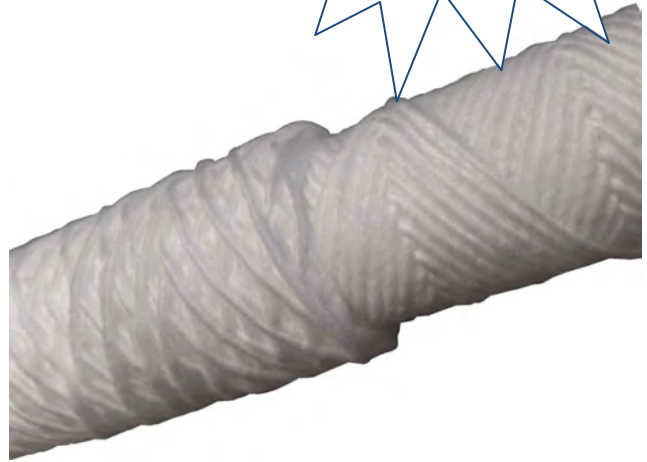


HC Series High Capacity Wound Filter Cartridges

Ask us about HC Series filters certified to NSF/ANSI 61!



HC Series string wound filter cartridges provide longer life by virtue of their dual-zone construction

AJR Filtration offers the HC Series of string wound filters, formerly sold under the Delta Pure® name. HC "high capacity" series string wound filter cartridges provide excellent filtration for fluids with a wide particle size distribution. The HC series filters are wound with two zones in order to provide longer filter life with challenging fluids. A more open pre-filtration section serves to protect the downstream section and remove larger particles, while a tighter final filter section provides removal of smaller particulates. The rating of each zone is specified in order to provide a filter uniquely tailored to process requirements. AJR offers these depth filters with a choice of filtration medias, support cores, and materials to ensure process compatibility. Precision winding geometry provides consistent removal efficiency. Ratings are available from 0.5um to 200um. Optional core covers allow added contaminant removal assurance. Cartridges are available in continuous lengths from 3" to 72" and diameters from 2" to 4 1/2". End fitting options allow installation into most filter housings.

Applications

- Potable water
- Process water
- Pre-filtration for membrane/reverse osmosis (RO) systems
- Food and beverage
- Chemicals, acids, bases
- Oils, fuels, solvents
- Plating solutions, electronics, circuit board
- Produced water and waste, fracking

Benefits

- Wide range of materials to ensure process compatibility
- Variety of sizes and configurations to ensure proper sizing, fit, and sealing
- Dual-zone construction providing a longer life
- High sediment holding capacity for longer time between filter changes
- Continuous lengths up to 72"
- Technical support
- Fast lead times

Box Quantities by length

2-3/8" to 2-1/2" Diameter

10"	Length	30/Box
20"	Length	15/Box
30"	Length	15/Box
40"	Length	15/Box
50"	Length	20/Box

4-1/2" Diameter

10"	Length	12/Box
20"	Length	6/Box
30"	Length	3/Box

DELTA PURE FILTRATION IS NOW AJR FILTRATION



Specifications

Cartridge ID:
1" nominal standard

Cartridge OD:
2" to 4 1/2"

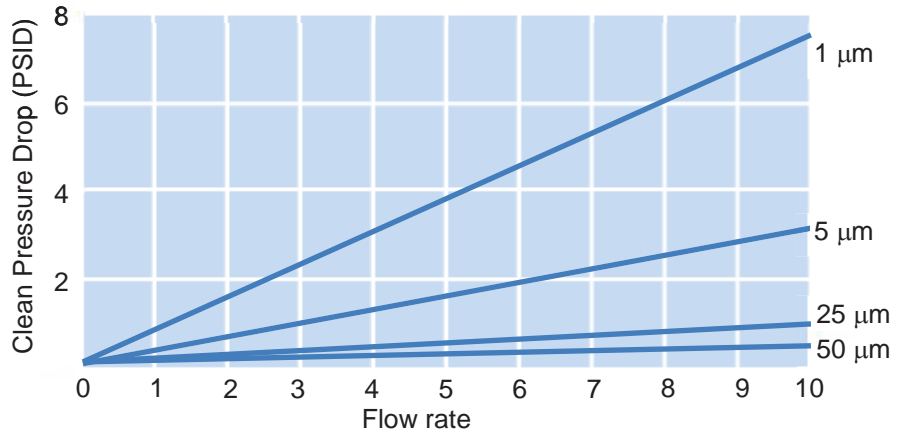
Length:
3" to 72"
Special lengths available

Efficiency: 90% nominal; 80% below 3 micron

Maximum Differential Pressure (DP):
60 PSID (4 bar)

Recommended Maximum Change-Out DP:
30 PSID (2 bar)

Pressure Drop vs. Flow Rate (Polypropylene and Nylon Media)



(GPM Water per 10" Length, 2 1/2" OD)

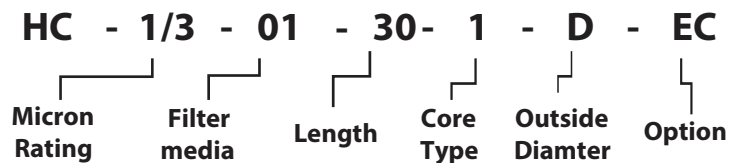
Note: Please consult factory for data on other media and fluids.

Max Temperature

Media	Polypro Core	Tin Core	SST Core
Polypropylene	180 F	180 F	180 F
Cotton	180 F	250 F	250 F
Rayon	180 F	275 F	275 F
Nylon	180 F	275 F	275 F
Polyester	180 F	300 F	300 F
Fiberglass	180 F	400 F	750 F

Example:

HC-1/3-01-30-1-D-EC



HC Model/Code Ordering Info

MICRON RATING	FILTER MEDIA	LENGTH INCHES	CORE TYPE	OUTSIDE DIAMETER	OPTIONS	O-RINGS
Downstream/ Upstream	01 - FDA polypropylene	3	1 - Polypropylene	A- 2"	N - Polyester core cover	Blank = Buna -E = EPDM -S = Silicone -V = Fluorocarbon elastomer -TEV = Fluoropolymer encapsulated fluorocarbon elastomer
	02 - Fibrillated polypropylene	3.75	3 - Tinned steel	B- 2 1/4"	NF - Fiberglass core cover	
0.5	04 - Natural cotton/polyester blend	4	4 - 304 SST	C- 2 3/8"	NN - Nylon core cover	
1	05 - White cotton	4.75	6 - 316 SST	D- 2 1/2"	Y - Polypropylene core cover	
3	06 - FDA bleached cotton	5		E- 2 5/8"	2SPR - 222 w/ spring top*	
5	09 - Rayon	6		*H- 4"	2SD - 222 w/ disc*	
10	10 - Teflon	9.75		*J- 4 1/2"	2SF - 222 w/ fin*	
15	11 - Nylon	10			6SPR - 226 w/ spring top*	
20	13 - Polyester	12			6SD - 226 w/ disc*	
25	15 - Fiberglass	12.5			6SF - 226 w/ fin*	
30	18 - PPS (Ryton equivalent)	19.5			E - DOE, extended core	
50	21 - Aramid	20			EC - Plastisol end cap	
75		24.5			P - Plug in one end	
100		29.25			SPR - SOE, with polypro spring	
125		30			SPRE - SOE, with polypro spring with extended core	
150		36			IBL - Individually bagged and labeled	**O-Rings are only available on 222 and 226 options
200		40			ISW - Individually shrink wrapped	
		50			ISWL - Individually shrink wrapped and labeled	
	Contact AJR to inquire about custom materials and configurations	72				