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## High Flow Cartridge

Reco's High Flow Filter Cartridges offer high efficiency of 90-99.98%. They are produced in a clean room environment of 100% polypropylene. To ensure a single piece construction, each filter cartridge has thermally bonded end caps and ultrasonic welded media seams. If needed, a final rinse of 18 mega ohm water can be ordered for a cartridge. Our High Flow Cartridges are compatible with most industry standard high flow filter housings. Reco tests each cartridge with a Capillary Flow Porometer. These cartridges meet FDA Title 21 for food and beverage processes.

- The standard diameters are 6.25 inches.
- Standard lengths are 20", 30", 40", 60", 80".
- Micron ratings: .5-100.
- Available End Caps: 222, 226, Gasket, DDE, Fin.

Materials of Construction		Dimensions (nominal)	
Filter Media:	Polypropylene Melt Blown	Outside Diameter:	6.25"
Core:	Polypropylene	Lengths:	20", 30", 40", 60", 80"
Netted Outer Cage:	Polypropylene		
Support Material:	Polypropylene	Performance Specifications	
Sealing:	Thermal Bond	Retention Ratings of 90% and 99.98% at: 1, 3, 5, 10, 25, 50, 100 microns	
Gaskets/O-Rings:	Buna N, Viton®, Teflon®, Silicone, Neoprene and EDPM		
Operating Conditions		FDA Listed Materials	
Maximum differential pressure: 50 psid At 180°F, 82°C		Manufactured from materials which are FDA listed for food contact applications in Title 21 of the US code of federal regulations	
Toxicity		Purity	
RECO's cartridges are manufactured with no Additives or other manufacturing agents. We Guarantee all materials used in the production Meet FDA Title 21 of the Code of Federal Regulations 174.5 and 177.1520.		Cartridges are free of surfactants, resins, binders, And adhesives	
Sterilization			
Multiple autoclaving for 30 minutes at 250°F (121°C) under no End Load Conditions. In-line Steam sterilization is not recommended. May be in-line sanitized with hot water at 180°F For 1 hour.			

**Building a Part Number**

<b>High Flow Pleated Cartridges</b>	<b>Media</b>	<b>Micron</b>	<b>Efficiency</b>	<b>Cartridge Length</b>	<b>End Cap</b>	<b>18 Mega Ohm Rinse</b>	<b>Gasket O-Ring</b>
HF	E	1	A	5	3	R	B
HF	E = Polypropylene	.5 1 3 5 10 25 50 100	A = 90% B = 99.98%	5 = 20 7 = 30 8 = 39 9 = 40 10 = 60 11 = 80 A = custom	4 = 222/Flat 5 = 226/Flat 6 = 225/Flat 9 = Flat/O-ring A = Custom	R	B = Buna V = Viton® T = Teflon® S = Silicone N = Neoprene D = EPDM