

## Filter Cartridge Selection Guide



Flow-Max® (pleated)


 Melt Blown  
(depth cartridge)

 Wound  
(depth cartridge)

 Solid block activated  
carbon


Flow-Max® Jumbo

Application	Options	Max. Flow Per 10" Cartridge	Max. Temp F° / C°	Advantages	Disadvantages	Catalog Page
<b>General water filtration</b>	Pleated	7 GPM (5 µ)	140 / 60 Std. 200 / 93 High Temp	Increased surface area; ideal for hard particles such as sediment, sand, rust, etc.	Higher initial cost, but may cost less to use, depending on application and possible reuse.	39-41
	Melt blown	5 GPM (5 µ)	125 / 52	Lower initial cost; ideal for deformable solids (slimes) requiring "depth" filtration.	Less surface area; may cost less to use if cartridges blind off in high solids applications.	43
	Wound (PP center tubes)	5 GPM (5 µ)	140 / 60	Same as above	Same as above	44
	Wound (SS center tubes)	5 GPM (5 µ)	200 / 93	Ideal for high temperatures.	Same as above	44
<b>High purity water</b>	All polypropylene cartridges	3 GPM (0.2 µ)	140 / 60	Will not leach contaminants.	Higher costs	42
<b>Cyst reduction</b>	Flow-Max 1µ Absolute (Standard, B-B and Jumbo)	3 GPM (1 µ abs.)	140 / 60	100% efficient for cyst sized particles. Lower pressure drop. Ideal for high flow applications.	Higher cost, compared to nominally rated elements.	39-41
	CR1™ solid block from KX®	1 GPM (1 µ)	125 / 52	Rated at 99.95% for cyst reduction.	Low flow. (8 psid drop at 1 GPM)	36
	Doulton® Ceramic	0.5 - 1.0 GPM	125 / 52	Rated at 99.999% for cyst reduction.	Low flow; high pressure drop.	46
<b>Bacteria reduction</b>	Ceramikx™ from KX®	0.75 GPM (0.5 µ Abs.)	125 / 52	Rated at 99.99% for E. Coli reduction.	Low flow. (15 psid drop at 1 GPM)	36
	Doulton® Ceramic	0.5 - 1.0 GPM	125 / 52	Cleanable. Highly effective	Low flow; high pressure drop.	46
<b>Chlorine, taste odor and organic chemical reduction</b>	CTO/2™ from from KX®	3 GPM (10 µ)	125 / 52	3,750 gals. capacity at 2 PPM chlorine and 1 GPM flow; thick wall high sediment removal.	Higher cost, but not necessary on a treated gallons basis.	35
	GAC	1 GPM	125 / 52	Low cost; lower pressure drop		37
	Matrikx 10/2™ from KX®	1 GPM (10 µ)	125 / 52	Lower cost; 9,000 gals. capacity.	Thin wall; less sediment removal.	35
<b>Lead reduction</b>	Pb1™ from KX®	0.75 GPM	125 / 52	90% chlorine & lead reduction, plus cyst reduction to 99.98%	Limited only by flow rate capacity.	36

Note: Not all options are listed; please inquire for more information. Data from published literature; therefore, Flowmatic Systems, Inc. cannot be held responsible for content.