

Get more filtration for the money with Flow-Max[®] pleated cartridges for high flow, long life, greater sediment removal and reduced filtration costs.

Flow-Max filter cartridges outperform wound, spun, melt blown, resin bonded and other "depth" type filter elements because our cartridges are pleated to provide increased surface area and longer life.

Lower pressure drop is another significant advantage, using Flow-Max pleated cartridges, which allows for increased flow rates and the use of smaller filter housings to reduce capital equipment costs.

Further savings are provided because our 100% synthetic filter media is cleanable, five micron and up, to lower cartridge replacement costs.



Flow-Max filter cartridges outperform other pleated elements because our high-performance filter media is systematically produced using 100% synthetic fibers, with no binders or additives to leave a residue, foam or contaminate.

Our filter media is dramatically thicker than other products. For this reason, Flow-Max cartridges provide "depth" filtration for greater sediment removal, along with more surface area with our pleated design.

A multi-ply laminate is used with our sub and one micron grades for longer life and greater solids removal. (See right.)



Specifications

Temperature range: 40°F - 140°F (4.5°C - 60°C)

End caps: Plastisol (std & B-B); Molded, Jumbo

Media: 100% chemical resistant PP, PE and PET, with no binders or additives

Packaging: All cartridges are shrink wrapped for purity

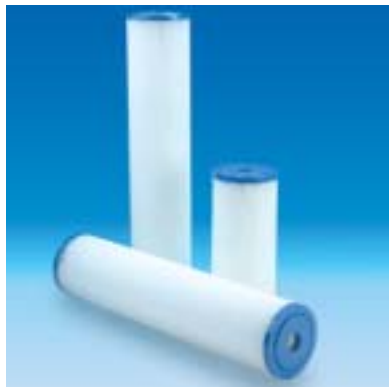
Center tubes: PP (standard & BB); PVC, Jumbo

Flow rates: See data at right

Types



Flow-Max[®] standard cartridges are available in a wide range of micron ratings and lengths.



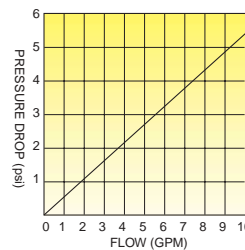
Flow-Max[®] full-flow cartridges for 10" & 20" B-B housings.



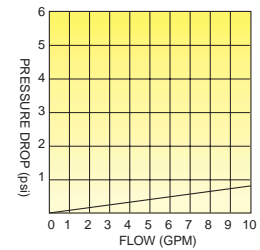
Flow-Max[®] jumbo cartridges for Flowmatic[®] & Hurricane[™] housings.

Lower pressure drop for higher flow rates

Flow-Max® cartridges are pleated, so initial pressure drop is significantly less compared to depth cartridges, such as wound, spun, melt blown and resin bonded. As a result, higher flow rates are possible, reducing filter housing size requirements to lower capital equipment costs.

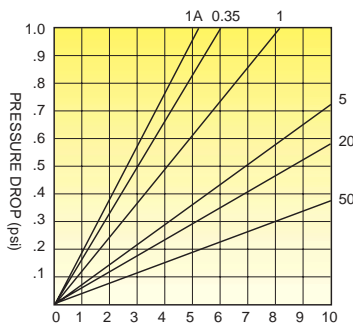


Depth cartridge
(5 micron)

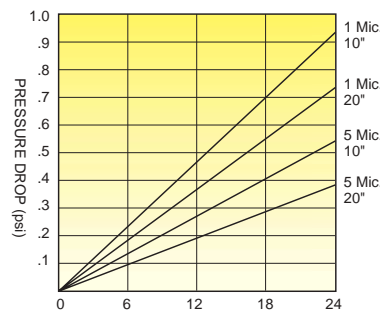


Flow-Max® cartridge
(5 micron)

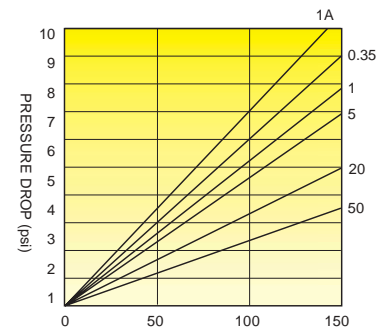
Use the pressure drop charts shown below to help determine the ideal flow rate for your particular application:



Standard cartridges (9-3/4")



Full-Flow (B-B) cartridges



Jumbo cartridges

Note: Pressure drop data shown above include filter housing and cartridge.

Flow rates

Maximum flow rate guidelines for Flow-Max cartridges are shown below:

Micron Rating	Maximum Flow Rates Per Cartridge (GPM)									
	Standard Cartridge			10" Full-Flow		20" Full-Flow		Jumbo Cartridge		
	9-3/4"	20"	29-1/4"			40	90	170		
1 Absolute	3	6	9	8	12	20	40	80		
0.35 Micron	4	8	12	9	13	25	50	100		
1 Micron	4	8	12	10	15	30	60	120		
5 Micron	7	14	21	15	25	50	100	150		
20 Micron	8	16	24	15	25	50	100	150		
50 Micron	10	20	30	15	25	50	100	150		

Note: Filter housing selection should also be considered when flow rate per cartridge is determined.



Washable & reusable

Flow-Max® cartridges are washable and reusable, five micron and up to reduce filtration costs. For best results, direct spray into pleats to dislodge sediment. Or, let dry and brush off filter cake from surface of the media.

**All Flow-Max® cartridges
are individually shrink
wrapped for purity**

