

M Series High Efficiency Pleated Paper Filter Technical Data

MP SERIES SINGLE-LENGTH (14 1/2") CARTRIDGE FLOW RATES AND EFFECTIVE FILTRATION SURFACE AREA

MICRON		0.5		1		2		5		10		15		25		40		75	
VISCOSITY		FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP	FLOW	ΔP
ssu	cs	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi
29	1	66	.50	66	.36	66	.28	66	.13	66	.08	66	.04	66	.03	66	.02	66	.01
32	2	66	1.0	66	.73	66	.57	66	.26	66	.18	66	.09	66	.06	66	.04	66	.02
36	3	66	1.5	66	1.1	66	.86	66	.40	66	.27	66	.14	66	.09	66	.07	66	.04
43	5	52	2.0	66	1.8	66	1.4	66	.66	66	.45	66	.23	66	.15	66	.11	66	.07
52	8	32	2.0	45	2.0	57	2.0	66	1.1	66	.73	66	.37	66	.23	66	.18	66	.11
58	10	26	2.0	36	2.0	46	2.0	66	1.3	66	.89	66	.47	66	.29	66	.22	66	.13
98	20	13	2.0	18	2.0	23	2.0	50	2.0	58	1.4	66	.93	66	.58	66	.44	66	.26
140	30	8	2.0	12	2.0	15	2.0	33	2.0	50	1.7	66	1.4	66	.87	66	.66	66	.40
190	40	6	2.0	9	2.0	11	2.0	25	2.0	45	2.0	66	1.9	66	1.2	66	.88	66	.53
230	50	5	2.0	7	2.0	9	2.0	20	2.0	38	2.0	56	2.0	66	1.4	66	1.1	66	.66
342	75	3	2.0	5	2.0	6	2.0	13	2.0	25	2.0	38	2.0	60	2.0	66	1.6	66	1.0
455	100	2	2.0	3	2.0	4	2.0	10	2.0	17	2.0	28	2.0	45	2.0	60	2.0	66	1.3
910	200	1	2.0	2	2.0	2	2.0	5	2.0	8	2.0	14	2.0	22	2.0	30	2.0	50	2.0
1365	300	0.9	2.0	1	2.0	1	2.0	3	2.0	6	2.0	9	2.0	15	2.0	20	2.0	33	2.0
1818	400	0.6	2.0	0.9	2.0	1	2.0	2	2.0	4	2.0	7	2.0	11	2.0	15	2.0	25	2.0
2273	500	0.5	2.0	0.7	2.0	0.9	2.0	2	2.0	3	2.0	5	2.0	9	2.0	12	2.0	20	2.0
Surface Area Square Feet		8.6		20.2		23.1		23.1		23.1		23.1		23.1		23.1		23.1	

To determine the double, triple and quadruple-length cartridge flow rates or surface areas, multiply the single-length result by 2, 3 or 4 respectively.

MPM SERIES FLOW RATES

MODEL NUMBER		MPM0.5		MPM2	
MICRON		0.5		2	
VISCOSITY		FLOW	ΔP	FLOW	ΔP
ssu	cs	gpm	psi	gpm	psi
29	1	66	1.4	66	.73
32	2	47	2.0	66	1.4
36	3	31	2.0	60	2.0
43	5	19	2.0	36	2.0
52	8	12	2.0	23	2.0
58	10	9	2.0	18	2.0
98	20	5	2.0	9	2.0
140	30	3	2.0	6	2.0
190	40	2	2.0	5	2.0
230	50	2	2.0	4	2.0
342	75	1	2.0	2	2.0
455	100	0.9	2.0	2	2.0
910	200	0.5	2.0	0.9	2.0
1365	300	0.3	2.0	0.6	2.0
1818	400	0.2	2.0	0.4	2.0
2273	500	0.2	2.0	0.3	2.0

Flow rates are expressed in U. S. Gallons per Minute (GPM).
GPM × 3.785 = Liters per Minute (LPM).

Differential Pressure is listed in Pounds per Square Inch (PSI).
PSI × .07 = Kilograms per Centimeter Squared (kg/cm²).

Due to our continuing program of improvement, specifications are subject to change without notice.