

# Fluid Filtration Screen Reference Chart

APPROX. RETENTION MICRONS	OPENING (INCHES)	MESH (WIRES/INCH)	OPEN AREA %	FILTER CLOTH MESH	FILTER CLOTH THICKNESS
5156	0.203	4 x 4	65.9	–	–
3340	0.110	6 x 6	62.4	–	–
2464	0.097	8 x 8	60.2	–	–
1905	0.075	10 x 10	56.3	–	–
1532	0.060	12 x 12	52.4	–	–
1306	0.051	14 x 14	51.8	–	–
1130	0.045	16 x 16	50.7	–	–
979	0.039	18 x 18	48.2	–	–
864	0.034	20 x 20*	46.2	–	–
703	0.028	24 x 24	44.1	–	–
516	0.020	30 x 30	37.2	–	–
381	0.015	40 x 40*	36.0	–	–
318	0.013	50 x 50*	30.3	–	–
233	0.009	60 x 60	30.3	–	–
160	0.007	80 x 80*	31.4	–	–
140	0.006	100 x 100*	30.3	–	–
118	0.005	120 x 120	30.9	–	–
103	0.004	150 x 150	37.2	–	–
96	–	–	–	20 x 200	0.033
80	0.003	180 x 180	34.3	–	–
74	0.002	200 x 200	33.6	–	–
70	–	–	–	120 x 180	0.010
65	–	–	–	120 x 200	0.009
61	0.002	250 x 250	36.0	–	–
50	–	–	–	120 x 330	0.010
43	0.001	325 x 325	29.7	–	–
40	–	–	–	120 x 400	0.009
35	–	–	–	120 x 500	0.009
30	–	–	–	120 x 600	0.009
25	–	–	–	200 x 600	0.006
21	–	–	–	200 x 830	0.006
10	–	–	–	200 x 1150	0.006

\*Stock Items in Stainless Steel 316. Also available: Hastelloy or PTFE Screen (limited mesh for removable gasket holders only).

# Perforated Plate Reference Chart

DIAMETER DECIMALS	DIAMETER FRACTION INCHES	CENTER TYPE	HOLES PER SQ. INCH	OPEN AREA %
.033"		.055" STRAIGHT LINE CENTERS	330	28%
.045"		.066" STRAIGHT LINE CENTERS	225	36%
.062"	1/16"	.094" STAGGERED LINE CENTERS	132	41%
.094"	3/32"	.156" STAGGERED LINE CENTERS	46	33%
.125"	1/8"	.187" STAGGERED LINE CENTERS	33	40%
.187"	3/16"	.250" STAGGERED LINE CENTERS	18	50%
.250"	1/4"	.375" STAGGERED LINE CENTERS	330	58%