

PARTICLE CAPTURE EFFICIENCY IN LIQUID

Media Grade	Thickness	Particle Size - μm Initial Collection Efficiency		
		90%	99%	99.9%
0.1	0.039"	0.15	0.4	0.8
0.2	0.039"	0.5	0.9	1.4
0.5	0.047"	1	1.7	2.2
1	0.047"	1.5	2.2	3.3
2	0.062"	4	5.5	9
5	0.062"	5	8	13
10	0.062"	10	15	20
20	0.062"	20	25	35
40	0.078"	25	35	45
100	0.093"	50	100	150

- Testing performed per ASTM F795
- Tested at 1 gpm/ft²
- ISO A2 or A3 test dust suspended in water

PARTICLE CAPTURE EFFICIENCY IN GAS

Media Grade	Thickness	Particle Size - μm Initial Collection Efficiency		
		90%	99%	99.90%
High Purity	---	D	D	D
0.1	0.039"	C	C	C
0.2	0.039"	A	B	0.2
0.5	0.047"	A	0.25	0.3
1	0.047"	A	0.35	0.7
2	0.062"	0.3	0.6	2
5	0.062"	0.8	2	5
10	0.062"	4.5	8	13
20	0.062"	8	12	20
40	0.078"	12	25	45
100	0.093"	20	40	100

- Tested at flux of 6 acfm/ft²
- A= Initial efficiency is greater than 90% for all particle sizes
 B= Initial efficiency is greater than 99% for all particle sizes
 C= Initial efficiency is greater than 99.9% for all particle sizes
 D= Initial efficiency is greater than 99.9999999% for all particle sizes