mott corporation

84 Spring Lane, Farmington, CT 06032-3159 860-747-6333 Fax 860-747-6739 www.mottcorp.com Note: This data is only relevant to Mott product made from porous metal sheet material such as rolled & welded parts and cut discs.

PARTICLE CAPTURE EFFICIENCY IN LIQUID

		Particle Size - µm Initial Collection Efficiency			
Media Grade	Thickness	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

		Particle Size - µm Initial Collection Efficiency			
Media Grade	Thickness	90%	99%	99.90%	
High Purity		D	D	D	
0.1	0.039"	С	С	С	
0.2	0.039"	А	В	0.2	
0.5	0.047"	А	0.25	0.3	
1	0.047"	А	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