MILLER LEAMAN

WATER • FILTRATION • SOLUTIONS

MESH / MICRON DATA SHEET

STANDARD MESH OPTIONS

Mesh	Opening (inches)	Microns	Wire Diameter (inches)	Open Area
16	0.0395	1003	0.023	39.90%
20	0.0340	864	0.016	46.20%
30	0.0203	516	0.013	37.10%
40	0.0150	381	0.01	36.00%
50	0.0110	279	0.009	30.30%
60	0.0092	234	0.0075	30.50%
80	0.0070	178	0.0055	31.40%
100	0.0055	140	0.0045	30.30%
120*	0.0046	117	0.0037	30.70%
150*	0.0041	104	0.0026	37.40%
200*	0.0029	74	0.0021	33.60%

HEAVY-DUTY MESH OPTIONS

24 x 110 **(≈120 Mesh)**	0.0045	112 - 117	.014 / .010	N/A
30 x 150 **(≈150 Mesh)**	0.0039	95 - 100	.009 / .007	N/A
40 x 200 **(≈200 Mesh)**	0.0030	72 - 77	.007 / .0055	N/A
50 x 250	0.0024	55 - 60	.0055 / .0045	N/A

***Miller-Leaman recommends the purchase of the heavy-duty mesh options as alternatives to the finer, more fragile standard screen options (120, 150, and 200 mesh). Be advised, however, that the heavy-duty mesh options have less open area percentage and will require more frequent maintenance in some applications.**

Standard screens are comprised of 1/4" perforated backup material with selected screen mesh. Optional perforated only (no mesh) screens are available in 1/4", 1/8" 1/16" and 5/64". Other sizes or sintered mesh available by special order.

Mesh/Micron Conversion Formula

Microns = opening in inches / .00003937

MILLER LEAMAN

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