

AMIAD SCREEN FILTER SIZES

SCREEN ELEMENT SIZES

3/4" PLASTIC	=	35mm x 125mm
1" PLASTIC	=	60mm x 125mm
1½" PLASTIC	=	60mm x 250mm
2" PLASTIC	=	110mm x 250mm
3"T PLASTIC	=	110mm x 370mm
3" STEEL	=	110mm x 500mm
4" STEEL	=	110mm x 740mm

Micron	mm	Mesh
800	0.80	20
500	0.50	30
300	0.30	50
250	0.25	60
200	0.20	75
130	0.13	120
100	0.10	150
100	0.10	155
80	0.08	200
50	0.05	300
40	0.04	350
30	0.03	500
25	0.025	600
15	0.015	1000

The values in the table above are rough equivalents. While the **micron** is a standard metric measurement, the term **mesh** is rather subjective, especially for values over 300.

For example, it is possible for both 500 mesh and 700 mesh screens to have equal filtration, ie: they both filter particles down to 30 microns. The problem is related to the size of wire from which the screen is manufactured. The mesh designation is based on the number of wires in one linear inch of the screen.

It is for this reason that two screens can have the same mesh, but if one is made with thicker wire than the other, the one with thicker wire will have smaller openings between the wires. Therefore, micron is a much more accurate measurement for use in determining the size of particle that can (or can't!) pass through a filter.



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