



Mazraeh Designer Engineering Group

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MESH SIZE CHART

US Mesh	Microns (µm)	inches
4	4,760	0.187
5	4,000	0.157
6	3,360	0.132
7	2,830	0.111
8	2,380	0.0937
10	2,000	0.0787
12	1,680	0.0661
14	1,410	0.0555
16	1,190	0.0469
18	1,000	0.0394
20	840	0.0331
25	710	0.0280
30	590	0.0232
35	500	0.0197
40	420	0.0165

US Mesh	Microns (µm)	inches
45	350	0.0138
50	297	0.0117
60	250	0.0098
70	210	0.0083
80	177	0.0070
100	149	0.0059
120	125	0.0049
140	105	0.0041
170	88	0.0035
200	74	0.0029
230	62	0.0024
270	53	0.0021
325	44	0.0017
400	37	0.0015
500	31	0.0012

Commonly used mesh sizes include 4x6, 4x8, 6x12, 8x16, 8x30, 12x40 and 20x50.

However, other mesh sizes can be supplied, in either a narrower or broader cut, whenever they are required for a specific application.

The efficiency of a particular carbon will be influenced by the mesh size, such that efficiency increases as physical size decreases. However, there may be a limit to the size used on the grounds of pressure drop restrictions.

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