



Activated Carbon
& Related Technology

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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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