

## Mesh Size and Mesh Chart of UZ-Min® Natural Zeolite (Clinoptilolite)



**ZEOLITEMIN**

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### Summary

For mesh size and mesh chart, Mesh is a measurement of particle size often used in determining the particle-size distribution of a granular material.

### Introduction

Many people don't know mesh size and mesh chart in order to use sieve mesh screen. We begin to explain more clearly.

### What does mesh size and mesh chart mean?

Figuring out mesh sizes is easy. All you are doing is counting the amount of openings in one US-inch screen. the amount of openings is that the mesh size. So a 4-mesh screen means there are four little squares across one linear inch of screen. A 325-mesh screen has 325 openings, and so on. because the number describing the mesh size increases, the size of the particles decreases. Higher numbers equal finer material. Mesh size isn't a particular measurement of particle size.

### What do the (<) and (>) signs mean when we describe mesh sizes?

how to work by us? For example, <100-mesh would mean that each particle smaller than 100-mesh would go through. >100 mesh means all the particles 100-mesh or larger are retained.

### How fine do sieve mesh screens get?

That depends on the wire thickness. If you think that about it, the finer the weave, the closer the wires get together, eventually leaving no space between them in the least. For this reason, beyond 325-mesh particle size is typically described in "microns."

### What is a micron?

A micron is another measurement of particle size. A micron is one-millionth of a meter or one twenty-five thousandth of an inch.

Table 1.Mesh to Micron conversion chart

MESH TO MICRON CONVERSION CHART			
U.S. MESH	INCHES	MICRONS	MILLIMETERS
3	0.2650	6730	6.730
4	0.1870	4760	4.760
5	0.1570	4000	4.000
6	0.1320	3360	3.360
7	0.1110	2830	2.830
8	0.0937	2380	2.380
10	0.0787	2000	2.000
12	0.0661	1680	1.680
14	0.0555	1410	1.410
16	0.0469	1190	1.190
18	0.0394	1000	1.000
20	0.0331	841	0.841
25	0.0280	707	0.707
30	0.0232	595	0.595
35	0.0197	500	0.500
40	0.0165	400	0.400
45	0.0138	354	0.354
50	0.0117	297	0.297
60	0.0098	250	0.250
70	0.0083	210	0.210
80	0.0070	177	0.177
100	0.0059	149	0.149
120	0.0049	125	0.125
140	0.0041	105	0.105
170	0.0035	88	0.088
200	0.0029	74	0.074
230	0.0024	63	0.063
270	0.0021	53	0.053
325	0.0017	44	0.044
400	0.0015	37	0.037

UZ-Min® is a high-quality natural zeolite (clinoptilolite), specially selected for its high purity, low heavy metal content, and stability of zeolite granules, making it the ideal choice for all application.

UZ-Min® natural zeolite (clinoptilolite) is available in a wide range of sizes: <100 Mesh, <150 Mesh, <200 Mesh,

UZ-Min® natural zeolite (clinoptilolite) granular: 1-3mm, 3-5mm, 5-8mm