

HKO

TECHNOLOGIES

***Unparalleled Service & Application Knowledge
Backed by Decades of Experience.***

We Specialize In:

**LAB & PILOT SIEVES
PRODUCTION SIFTERS & SCREENERS
ULTRASONICS DEBLINDING SYSTEMS
REMESHING & RESCREENING SERVICES**



INDUSTRIES WE SERVE:

3D Printing
Powder Metal Production
Dry Chemical Processing
Pharmaceuticals
Vitamin Production
Additive Materials
Mining & Minerals
Agriculture, Food & Beverage
Ceramics
Aerospace

COMMON APPLICATIONS:

Sieving & Classifying
Sifting & Scalping
Particle Sizing & Separation
Dewatering Slurries
Separate Solids from Liquids
Check Screening
Spray Booth Reclaiming
Particle Analysis

Particle Size Conversion Table

MESH COUNT	WIRE DIAMETER	MESH OPENING		OPEN AREA
/INCH	INCH	INCH	MICRON	PERCENT
2	0.063	0.437	11,112	76.4
3	0.054	0.279	7078	70.1
4	0.0475	0.2023	5660	65.9
4	0.063	0.187	4760	56
5	0.041	0.159	4000	63.2
6	0.0348	0.1318	3360	62.7
7	0.035	0.108	2830	57.2
8	0.0286	0.0964	2380	60.2
10	0.0258	0.0742	2000	56.3
11	0.018	0.073	1854	64.5
12	0.023	0.0603	1680	51.8
14	0.0204	0.0510	1410	51
16	0.0181	0.0445	1190	5.7
18	0.0173	0.0386	1000	48.3
20	0.0162	0.0340	841	46.2
24	0.014	0.0277	707	44.2
30	0.0128	0.0203	541	37.1
35	0.0118	0.0176	437	37.9
40	0.0104	0.0150	389	36
50	0.009	0.011	282	30.3
60	0.0075	0.0092	231	30.5
80	0.0055	0.0070	177	31.4
100	0.0045	0.0055	149	30.3
120	0.0037	0.0046	125	30.5
150	0.0026	0.0041	105	37.9
180	0.0023	0.0033	88	34.7
200	0.0021	0.0029	74	33.6
250	0.0016	0.0024	63	36
270	0.0016	0.0021	53	32.2
325	0.0014	0.0017	44	30.5
400	0.0010	0.0015	37	36
500	0.0010	0.0010	25	25
625	0.0008	0.0008	20	25

1"

2"

3"

4"



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