



Jas Enterprises
An ISO 9001:2008 Certified Company
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Particle Size Conversion Chart

Powders and granular materials are sometimes described as having a certain mesh or micron size. By itself, this type of description is somewhat ambiguous. More precise specifications will indicate that a material will pass through some specific mesh or micron screen (that is, have a maximum size; larger pieces won't fit through this mesh or micron) but will be retained by some specific tighter mesh or micron (that is, a minimum size; pieces smaller than this will have passed through the mesh or micron). This type of description establishes a range of particle sizes.

B.S.S. MESH	A.S.T.M. MESH	I.S.S. MESH	MICRON	IN NM
4	5	-	4000	4.00
6	7	280	2812	2.81
8	10	200	2057	2.05
10	12	170	1680	1.68
12	14	150	1405	1.40
14	16	120	1240	1.20
16	18	100	1003	1.00
18	20	85	850	0.85
22	25	70	710	0.71
30	35	50	500	0.50
36	40	40	420	0.42
44	45	35	355	0.35
52	50	30	300	0.30
60	60	25	250	0.25



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72	70	20	210	0.21
85	80	18	180	0.18
100	100	15	150	0.15
120	120	12	125	0.12
150	140	10	105	0.10
170	170	9	90	0.09
200	200	8	75	0.075
240	230	6	63	0.063
300	270	5	53	0.053
350	325	4	45	0.045
400	400	-	37	0.037
500	500	-	35	0.025
625	625	-	20	0.020
800	800		15	0.015
1250	1250	-	10	0.010
2500	2500	-	5	0.005

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