



# BADGER MINING CORPORATION

## Sieve Conversion Chart

INTERNATIONAL ISO 565 (TBL 2):83	AMERICAN ASTM E-11-87	BRITISH BSS 410-76	GERMAN/FRENCH DIN 4188 2 1977 AFNOR NFX 11-501	AMERICAN (alternative)	FALL RATE IN WATER
Aperture mm	Sieve Number	Sieve Number	Aperture mm	Opening inches	Feet / Minute
4.75	4	3-1/2	-	0.1870	
4.00	5	4	4.00	0.1570	
3.35	6	5	3.15*	0.1320	
2.80	7	6	-	0.1110	
2.36	8	7	2.50*	0.0937	
2.00	10	8	2.00	0.0787	35.8-49.2
1.70	12	10	1.60*	0.0661	32.7-44.5
1.40	14	12	1.40	0.0555	29.5-39.8
1.18	16	14	1.12*	0.0469	26.4-35.0
1.00	18	16	1000	0.0394	23.2-30.7
microns			microns		
850	20	18	800*	0.0331	20.5-26.4
710	25	22	710	0.0278	
600	30	25	-	0.0234	15.2-18.7
500	35	30	500	0.0197	12.6-15.5
425	40	36	400*	0.0165	10.4-12.8
355	45	44	355	0.0139	8.7-10.4
300	50	52	315*	0.0117	7.1-8.7
250	60	60	250	0.0098	5.7-6.9
212	70	72	200*	0.0083	4.4-5.5
180	80	85	180	0.0070	3.5-4.3
150	100	100	140*	0.0059	2.8-3.3
125	120	120	125	0.0049	2.2-2.4
106	140	150	100*	0.0041	
90	170	170	90	0.0035	
75	200	200	71*	0.0029	
63	230	240	63	0.0025	
53	270	300	56*	0.0021	
45	325	350	45	0.0017	
38	400	400	36*	0.0015	

(\*) Closest equivalent to ISO 565 (Table 2).

### Common Field Conversions For Sand Users

Property	From Metric	multiply by	[to] English [from]	multiply by	To Metric
Bulk Density	g/cm <sup>3</sup>	62.4267	lbs/ft <sup>3</sup>	0.0160	g/cm <sup>3</sup>
Absolute Volume	cm <sup>3</sup> /g	0.1198	gal/lb	8.3453	cm <sup>3</sup> /g
Volume	m <sup>3</sup>	35.315	ft <sup>3</sup>	0.0283	m <sup>3</sup>
Area	m <sup>2</sup>	10.764	ft <sup>2</sup>	0.0929	m <sup>2</sup>
Length	m	3.2808	ft	0.3048	m
Weight	tonne	2204.6	lbs	0.4536	kg

### Other Approximate Measures:

1 yd<sup>3</sup> = 1.35 tons silica sand

1 gal = 13.4 lbs silica sand

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