

# BEST SAND

## Best Sand, Silica Sand and Gravel

### Silica Filtration Media

Our filtration silica sand and gravel offer extremely high pure silica content (>99%  $\text{SiO}_2$ ). All products are double scrubbed and dried to remove all clay, shale, and inorganic impurities, then dried and sized using PLC controls for consistency. These products meet AWWA B100 Specifications for Granular Filter Media and are NSF certified for Standard 61 – Drinking Water System Components & Materials. Our full-service laboratory continually monitors our sand and gravel products to ensure they adhere to the specifications you rely upon. All products are available in bulk, super sacks, and 50-pound bags.



#### Typical Chemical Analysis - (530 Dry)

% $\text{Cr}_2\text{O}_3$	0.002
% Ni	0.000
% $\text{Fe}_2\text{O}_3$	0.094
% Mn	0.000
% CaO	0.009
% MgO	0.009
% $\text{TiO}_2$	0.035
% $\text{Na}_2\text{O}$	0.007
% $\text{K}_2\text{O}$	0.041
% $\text{SiO}_2$	99.515

### Filtration Sand

- Various silica grades ranging from 0.20 to 3.0 mm
- High quality sub-angular grain
- ISO 9001 certified

### Filtration Gravel

- Various grades ranging from 1/8 inch to 1-1/2 inch
- Extremely pure silica content (>99%)

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## Typical Analysis – Percent Retained on Each Mesh

Mesh	2.00 - 3.00	1.80 - 2.20	1.55 - 1.65	0.80 - 1.20	0.45 - 0.55	0.20 - 0.30	0.10 - 0.20
4	T						
6	37	1	0				
8	55	42	17	0			
10	7	41	34	3			
12	1	13	32	13			
16	T	3	16	48	T	T	
20		T	1	30	12	2	
30				4	45	9	
40				1	40	24	0
50				1	4	40	5
70				0	T	21	55
100				T		4	33
140						0	6
200						T	1
Pan							T
E.S. mm	2.40	1.86	1.57	0.88	0.47	0.23	0.15
U.C.	1.36	1.30	1.32	1.56	1.46	1.59	1.56

## Gravel

Mesh	1 1/2" x 3/4"	3/4" x 1/2"	1/2" x 1/4"	1/4" x 1/8"	1/8" x 1/16"
1 1/2"	1				
1"	43				
3/4"	49	2			
1/2"	6	94	2		
3/8"		3	39		
1/4"		1	57	0	
4			1	22	
6			1	69	1
1/8"				5	3
8				3	41
10				1	40
12				0	12
Pan	1	T	T	T	3

### WARNING: Contains Free Silica. Do Not Breathe Dust.

Prolonged exposure to dust may cause delayed lung injury (silicosis). Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (vol 68, 1997) concludes that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the forms of quartz and cristobalite (Group I) in certain industrial circumstances, but that carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution activity or distribution of its polymorphs. See Material Safety Data Sheet for detailed information. CAS 14808-60-7 FOR INDUSTRIAL USE ONLY.

**IMPORTANT:** The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product.

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