

## Filter Media Garnet

Garnet is a chemically inert mineral known for its hardness and durability. It is an ideal filter media used in multi-media filters as sub fill and for fine filtration. Multi-media filters with several layers of fine garnet in addition to sand and anthracite can often bring filtration levels down to 10-20 microns. When using garnet as a filter media it is critical to factor in its density. Water pressure and backwash rates are the main concern.

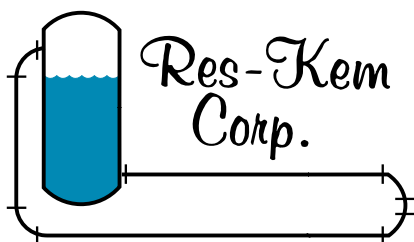
### STOCK GARNET SIZES:

Sieve U.S. Standard	Microns	Millimeters	Inches	Percentage (%)			
				#8	#8/12	#30/40	#50
Certification ** see note bottom of page				**		**	**
6	3350	3.36	0.132	0	0		
7	2800	2.83	0.110	2.8	0.9		
8	2360	2.38	0.093	36.9	17.2		
10	2000	2.00	0.079	53.8	60.7		
12	1700	1.68	0.067	5.4	17.6		
14	1400	1.41	0.055	0.8	2.8		
16	1180	1.19	0.046	0.1	0.3		
18	1000	1.00	0.039	0.2	0.5		
20	850	0.84	0.033				
25	710	0.71	0.028			0.3	
30	600	0.59	0.024			2.2	0.8
35	500	0.50	0.020			23.4	0.9
40	425	0.42	0.017			38.1	0.9
45	355	0.35	0.014			33.0	51.2
50	300	0.297	0.012			2.6	31.1
60	250	0.0098	0.010			0.4	11.7
70	212	0.0083	0.008			0	2.7
80	180	0.0070	0.007				0.3
100	150	0.0059	0.006				0.4
Effective size				2.04 mm	1.85 mm	0.37 mm	0.29 mm
Uniformity coefficient				1.17	1.21	1.26	1.29
Effective size: specification				1.90-2.20	1.65-2.00	0.30-0.40	0.25-0.35
Density (pounds per cubic foot)				140	140	130	130
<b>Stocked in 50 pound bags</b>							

Specific Gravity 3.8mm

Material meets AWWA Standard B100-96

\*\* UL Certified in accordance with ANSI/NSF Standard 61, Drinking Water System Components



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