



WELL PACK MEDIA

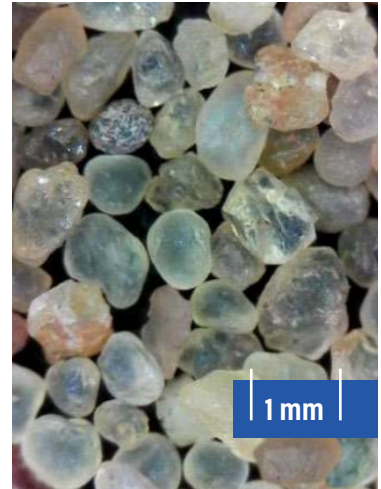


Red Flint Sand and Gravel has produced well pack for use in municipal, environmental, irrigation, and industrial water wells since 1917. Red Flint well pack products are manufactured to meet exacting size and uniformity specifications.

Red Flint's sub-angular/sub-round shaped gravel or well pack holds the natural formation in place and prevents fines from entering the well. The uniformity and high porosity of our well pack provides for optimal well production.

Red Flint well pack is specially sized to correlate with the slot size opening of the well screen. This creates a hassle-free selection process for our well pack customers.

Packaging is available in 50 lb. and 100 lb. poly bags, and supersacks up to 4,000 lbs.



WELL PACK MEDIA - EAU CLAIRE, WI	
Parameter	Description
Physical Form	Light brown, sub-angular/sub-round
Bulk Density	~ 100 lbs. per cubic foot
Hardness (Mohs Scale)	6.0 - 7.0
Uniformity Coefficient	1.3 to less than 1.7
Acid Solubility	< 1.0%
Specific Gravity	> 2.6
Silicon Dioxide Content	> 85%
Porosity	> 38%
Loss on Ignition	< 2.0%

TYPICAL SIEVE ANALYSIS



Gravel Pack Size (well slot)		3/8"x 3/16"	#120 WS	#90 WS	#80 WS	#60 WS	#50 WS	#40 WS	#30 WS	#20 WS	#15 WS	#10 WS	#7 WS
US Sieve	Inches	Percent Passing (%)											
3/8"	0.375	98	100										
1/4"	0.25	31	97	100	100								
4	0.187	3	67	98	100								
5	0.157	1	37	80	87	100							
6	0.132	0	12	48	55	95	100						
7	0.111		2	19	26	78	96						
8	0.094		1	2	10	51	87	100	100				
10	0.079		0	0	4	27	67	98	100				
12	0.066			0	1	5	40	88	96				
14	0.056				0	0	11	55	76	100	100		
16	0.047					0	2	24	54	98	98		
18	0.039						0	4	30	89	94	100	
20	0.033							1	7	68	81	100	100
25	0.027							0	2	39	55	90	100
30	0.023								0	13	29	63	99
35	0.02									2	8	33	89
40	0.016									0	1	8	64
45	0.014										0	1	37
50	0.012											0	19
60	0.009											0	8
70	0.008												4
80	0.007												2

GRAVEL PACK SIZE RECOMMENDATION

Screen Slot Size	Red Flint Sand & Gravel	Competitors
0.010"	#10 WS	20/40
0.015"	#15 WS	
0.020"	#20 WS	16/30
0.030"	#30 WS	
0.040"	#40 WS	12/20
0.050"	#50 WS	8/16
0.060"	#60 WS	8/12
0.080"	#80 WS	6/9
0.090"	#90 WS	6/9
0.120"	#120 WS	

Fast Lead Times

Custom Sizing

Low Acid Solubility

Highly Uniform

High Hydraulic Conductivity

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