

FILPRO® WELL GRAVELS

PLANT: MAURICETOWN, NEW JERSEY

U.S. Silica's FilPro Well Gravels are produced from sub-round monocrystalline industrial quartz. Chemically inert and free of organic contaminants, they will not alter the chemistry of water-producing wells, nor distort the analytical results of effluents drawn from monitoring wells. In water-producing wells, FilPro Well Gravels are utilized to increase the yield from the aquifer by increasing the permeable zone around the well screen.

FilPro Well Gravels bridge and filter finer or highly laminated formations at the interface and provide drillers with a media to improve hydraulic transmission and well development. With its permeability, FilPro Well Gravels will facilitate hydraulic conductivity through the filter pack. Structural support and placement properties also make them an effective gravel pack in environmental monitoring wells and provide a permeable media for leachate collection in sanitary landfill or leak detection systems.

All FilPro well gravel grades are processed and sized with strict adherence to statistical and quality assurance controls, and are tested according to AWWA B-100, ANSI, and NSF-61 standards for consistently uniform and chemically inert filter media.

TYPICAL PARTICLE SIZE ANALYSIS (These do not represent a specification)

U.S. STANDARD SIEVE SIZE	INDIVIDUAL % RETAINED							
	#4	#3	#2	#1	#0	#00N	#00	#000
4	2	0						
6	62	4	0					
8	32	64	7					
10	2	23	27	0				
12	1	6	36	4				
14	1	2	24	29	0			
16	0	1	5	40	6			
18		0	1	18	21	0		
20			0	6	31	1	0	
25				2	23	9	0	
30				1	15	43	2	0
35				0	3	34	18	
40					1	9	30	7
50					0	3	38	34
70						1	10	39
100								15
140								4
PAN	0	0	0	0	0	0	2	1
Effective Size (mm)	2.6	2.0	1.4	1.0	0.65	0.48	0.29	0.18
Uniformity Coefficient	1.52	1.39	1.35	1.37	1.45	1.32	1.58	1.73

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DISCLAIMER: The information set forth in this Technical Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. U.S. Silica Company makes no representation or warranty concerning the Products, expressed or implied, by this Technical Data Sheet.

WARNING: The product contains crystalline silica – quartz, which can cause silicosis (an occupational lung disease) and lung cancer. For detailed information on the potential health effect of crystalline silica - quartz, see the U.S. Silica Company Safety Data Sheet.