



## FilPro Filtration Sand and Gravel

### Opta Minerals your source for Blast Cleaning Abrasives:

- Crushed Glass
- FilPro Filtration Sand and Gravel
- FilPro Gravel and NJ Series Sand
- Galaxy Garnet
- International Garnet
- Temisca Filtration Sand

### Contact Us

Our sales team is ready to help you to determine the right product for your job.  
 For more information please call us:  
 Toll-free: 888-689-6661  
 Tel: 519-720-9694  
 E-mail: [info@optaminerals.com](mailto:info@optaminerals.com)  
 Visit: [www.optaminerals.com](http://www.optaminerals.com)

**FilPro Filtration Sand** is produced from hard ore quartz sand. Resistant to degradation during handling, backwashing, this durable sand effectively performs in a filter to reduce time and optimize flow.

The sub-angular grain shape of FilPro media will provide solids holding capacity and a transport mechanism of any filter design. FilPro grades are engineered to optimize the performance of air scour portable water filters and tertiary filtration systems and have been proven effective in iron and manganese removal, industrial process water filtration and waste treatment systems.

All FilPro grades are processed and sized with strict adherence to quality assurance controls and meet AWWA, B-100 and ANSI standards for consistently uniform and chemically inert filter media. They are certified under NSF-61 by the National Sanitation Foundation.

### ADVANTAGES OF FILPRO FILTRATION SAND AND GRAVEL



- Solid holding capacity • Meets AWWA B-100 and ANSI standards
- NSF-61 Certified

### FILPRO FILTRATION SAND AND GRAVEL SPECIFICATIONS

Note: We keep inventory of the following sizes. Other sizes available upon request.

Size		0.50	0.70	0.95
Mesh	mm	Typical mean % retained		
#12	1.680		1.9	3.2
#16	1.190	1.3	37.2	60.1
#20	0.840	19.5	36.6	31.3
#25	0.710	19.5	14.8	3.0
#30	0.600	27.5	7.2	1.3
#35	0.500	23.8	1.6	0.5
#40	0.420	6.0	0.3	0.3
#50	0.300	1.9	0.2	0.1
#70	0.212	0.3	0.1	0.1
PAN		0.2	0.1	0.1
Avg. Effective Size (mm)		0.50	0.71	0.96
Range Effective Size (mm)		0.45-0.55	0.65-0.75	0.85-1.00
Max. Uniformity Co-efficient		< 1.7	< 1.8	< 1.8

**TECHNICAL SPECIFICATIONS (IN %)**

Symbol	Name	Percentage
SiO <sub>2</sub>	(Silicon Dioxide)	99%
Other	-	1%

**CHARACTERISTICS**

Mineral	Quartz
Solubility	Insoluble
Specific Gravity	2.65
Bulk Density (aerated)	92-95 lb/ft <sup>3</sup>
Grain Shape	Sub-angular
Hardness	7 Mohs

**PACKAGING**

55 lb paper bags, 2200 lb paper bags/pallet  
3000 lb Super Sacs

**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 our MSDS.*

**Disclaimer:** *The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specification. Opta Minerals makes no representation or warranty concerning the Products, expressed or implied, by the Product Data Sheet*