



Our line of high flow-rate filter medias are cost-competitive, long-lasting, and NSF/ANSI 61 certified-offering proven efficiency for a wide variety of applications. See how you can benefit by pilot testing one or all of them.



	 	 	 
	These catalytic particles allow for higher flow rates, smaller filters, and economical treatment systems	Supercharged greensand with 3x the catalytic coating- Ideal for economical retrofits	Remove particles smaller than 5 µm at loading rates up to 20 gpm/ft ²
Application	Fe, Mn, H ₂ S, As, & Ra removal	Fe, Mn, H ₂ S, As, & Ra removal	SDI, TSS, Fe, & turbidity reduction
Composition	Naturally mined ore, 75% MnO ₂ by weight (on average)	Silica sand with 12% manganese dioxide coating	High purity aluminosilicate
Weight (lbs/ft ³)	115	84	55
Service flow (gpm/ft ²)	2-12	2-8	2-20
Typ. Oxidant Chlorine*	✓	✓	✓
Recommended backwash flow at 55°F (gpm/ft ²)	25 gpm/ft ² for 5 minutes	15-18 gpm/ft ² for 8-10 minutes	13-22 gpm/ft ² for 8-10 minutes
Typical bed depth	36" or 42"	12-36"	24-48"
Particle removal	≥ 10 micron	≥ 10 micron	≥ 3-5 micron
Mesh size	20 x 40	18 x 45	14 x 40
Effective size (mm)	0.3 - 0.5	0.55	0.45 - 0.55
Uniformity coefficient	< 1.65	< 1.6	≤ 1.7
Specific gravity (g/cm ³)	3.8	2.7	2.6
pH required	6.5 - 9	6.2 - 8.5	6 - 9
Porosity	50%	50%	55%
Freeboard	25% minimum	40% minimum	40% minimum

*No need for potassium permanganate and a detention basin!

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