

GREENSAND PLUS™



Greensand Plus™ is a black, granular filter media used in pressure-type filtration systems for removing soluble iron, manganese, hydrogen sulfide, arsenic, and radium from groundwater supplies.

The manganese dioxide coated surface acts as a catalyst in the oxidation reduction reaction of iron and manganese, while the silica sand core allows it to withstand waters that are low in silica, TDS and hardness without breakdown. Greensand Plus™ has the WQA Gold Seal Certification for compliance with NSF/ANSI Standard 61.



GREENSAND PLUS™ FILTER MEDIA

Parameter	Description
Physical Form	Black, nodular granules, shipped in dry form
Apparent Density	88 lbs. per cubic foot net (1409 kg/m ³ net)
Shipping Weight	90 lbs. per cubic foot net (1442 kg/m ³ net)
Specific Gravity	> 2.4
Porosity	~ 0.45
Screen Grading	18 x 60 mesh
Effective Size	0.30 - 0.35 mm
Uniformity Coefficient	< 1.6
pH Range	6.2 - 8.5
Maximum Temperature	No limit
Maximum Pressure Drop	8 - 10 psi (0.6 - 0.7 bar)
Backwash Rate	Minimum 12 gpm/sq. ft. at 55° F
Service Flow Rate	2 - 12 gpm/sq. ft. (5 - 29 m/h)
Minimum Bed Depth	15 inches of each media for dual media beds or 30 inches of Greensand Plus™ alone
Packaging Options	44 lb. (1/2 cu. ft.) poly bags or 2,200 lb. (25 cu. ft.) super-sacks



Certified to
NSF/ANSI Standard 61

Disclaimer: The information in this publication is true and reliable to the best of our knowledge. They are offered in good faith, but without warranty or liability of consequential damage as conditions and method of use of product is varied and beyond our control. We suggest the suitability and performance of the product be determined by the end user before they are adopted on a commercial scale.