FILOX-R™ MEDIA

IRON, HYDROGEN SULFIDE, MANGANESE REMOVAL

Filox-R™ is used for removing iron, hydrogen sulfide, and manganese from water supplies. It is a media that utilizes an oxidation-reduction reaction and filtration process similar to Greensand, but at a much higher level of performance. Filox-R™ contains 80% manganese dioxide in an extremely unique cluster format for enhanced performance and maximized capacity. Filox-R™ out performs Greensand, Brim, etc. due to the purity of its particles, superior oxidation/filtration capacity, and durability. Filox-R™ is a standard, stocked media. Contact Matt-Son with your requirements.

TECHNICAL SPECIFICATIONS

OPERATING CONDITIONS

Active Ingredient	75% - 85% Manganese Dioxide
Service Flow	6 gpm/cu.ft.
Freeboard	30% - 50%
Backwash Rate	12 - 15 gpm/sq.ft. @ 60°F
Bed Depth	20 inch minimum
pH Range	5.0 - 9.0
Removal Capacity (@Exhaustion)	
Iron	27 ppm
Hydrogen Sulfide	17 ppm
Manganese	11 ppm

PHYSICAL PROPERTIES

Color	grey-black
Physical Form	granular
Screen Size	12 x 40
Bulk Density	114 lbs/cu.ft.
Odor and Taste	none
Standard Package	1/2 cu.ft. bags (57 lbs ea)
Life Expectancy	essentially unlimited for low contaminant concentrations

For general information and not to be used as purchase specifications.

COMPARATIVE INFORMATION

PRODUCT NAME	ACTIVE INGREDIENT
FILOX-R™	75% - 85% MANGANESE DIOXIDE
GREENSAND	0.5% MANGANESE DIOXIDE
BIRM	LESS THAN 0.01% MANGANESE DIOXIDE

Filox and Filox-R are registered trademarks of Alamo Water Refiners, Inc.