



## 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, Birm, etc. due to the purity of its particles, superior oxidation/filtration capacity, and durability.

### 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