



Developed and manufactured by Prince Minerals, a leading international processor and value-added distributor of specialty minerals,



Pyrolox™ is the leading manganese dioxide filter media preferred by water treatment professionals world-wide. Prince Minerals is now proud to introduce the next stage in manganese dioxide filter media.

*Pyrolox Advantage™* is an exclusive engineered filter media that provides superior performance compared to other manganese coated filter media. Utilizing a proprietary coating process, Pyrolox Advantage™ provides lower backwash rates, superior removal capacity and virtually no media fines to remove at startup.

*Pyrolox Advantage™* is effective at removing iron, manganese, hydrogen sulfide and arsenic from groundwater. The robust manganese dioxide coating acts as a catalyst to oxidize soluble iron and manganese. Please see our *Technical Data* page for more information.

## The Company Behind Pyrolox Advantage:

Prince Minerals is the manufacture of Pyrolox water filtration media. Since it's inception in 1858, Prince Minerals has grown to be an innovative leader in the global mineral industry. They stand committed to quality products as well as superior service. In addition to servicing the water industry, Prince Minerals produces raw and finished materials for a variety of industries.

**PRINCEMINERALS, Inc.**

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**Questions? Call 800.222.4615**



## The Advantage:

- > *Low bulk density.*
- > *Dust free*
- > *NSF Standard 61 approved*
- > *Effective reduction of iron, manganese and hydrogen sulfide.*
- > *Durable media with long service life.*

## Technical Data:

<b>Physical</b>	<b>Black granular media</b>
<b>pH Range</b>	<b>6.4–9.5</b>
<b>Max. Water Temp</b>	<b>115 degrees F</b>
<b>Specific Gravity</b>	
<b>Minimum Bed Depth</b>	<b>24"</b>
<b>Effective Size</b>	
<b>Freeboard</b>	<b>Minimum 40%</b>
<b>Uniformity Coefficient</b>	<b>&lt; 1.8</b>
<b>Service Flow Rate</b>	<b>2 - 12 gpm/sq. ft.</b>
<b>Mesh Size</b>	<b>20 x 40</b>
<b>Bulk Density</b>	<b>88 lbs./sq. ft.</b>
<b>Backwash Flow Rate</b>	<b>10-20 gpm/sq. ft.</b>
<b>Backwash Expansion</b>	<b>15 - 50%</b>
<b>Packaging</b>	<b>20 or 1,000 kilo bags</b>