

# FILTRATION MEDIA



## METALEASE-AS™ (ADVANCED STRUCTURE) HEAVY METALS REMOVAL MEDIA

**MetalEase-AS™ (P/N METALEASE AS)** is a highly processed version of our standard MetalEase™ oxidation technology. MetalEase-AS (Advanced Structure) works on a similar principle of bringing dissolved metals out of solution, and the metals have an affinity for media. Most MetalEase-AS filter applications require no chemical regeneration.

MetalEase-AS is capable of removing high levels of iron, hydrogen sulfide, and other metals such as lead, copper, arsenic, and manganese. The media first brings the metals out of solution into a solid form and then adheres the particle in the MetalEase-AS media bed.

### FEATURES

- Iron, Hydrogen Sulfide, and Manganese Removal
- More Active Ingredients for a Broader Range of Metal Oxidation
- Dust-free
- Faster Kinetics
- Finer Particulate Filtration
- Turbidity, Taste & Odor Reduction
- Virtually Unlimited Life Expectancy
- Available with NSF/ANSI Standard 61 Certification

### Warning

For safety and handling purposes avoid contact with eyes, skin, and clothing. Avoid breathing the dust and always use adequate ventilation. Wash thoroughly after handling. Keep away from heat and easily oxidizable materials.

This information has been gathered from standard materials and or test data that is believed to be accurate and reliable. Nothing herein shall be determined to be a warranty or representation expressed or implied with respect to the use of such information or the use of the goods described for any particular purpose alone or in combination with other goods or processes, or that their use does not conflict with existing patent rights. No license is granted to practice any patented invention. It is solely for your consideration, investigation and verification.

MetalEase-AS is designed to be used in place of traditional forms of iron treatment and can be installed on either well or municipal water supplies. It is used in cartridge form and as a backwashable media bed. It can be used as a stand-alone unit or as the perfect companion to softeners, RO systems, carbon filters, etc.

MetalEase-AS is capable of removing contaminants, but tends to work better in some geographic areas than others, depending on the levels of TDS or heme iron (organics) in the local water supplies.

Available with NSF/ANSI Std. 61 Certification.

### Specifications

Active Ingredients.....	Greater than 90%
Service Flow Rate .....	3.5 gpm/cu.ft.
Freeboard .....	30 to 40%
Backwash Rate (@ 60°F) .....	20 gpm/sq.ft.
Bed Depth.....	24 inch minimum for (Application Dependent) backwashing systems
pH Range .....	5.0 to 9.0
Suggested Operating Capacity	
Iron .....	10 ppm
Hydrogen Sulfide .....	5 ppm
Manganese .....	3 ppm
Chromium-3 .....	5 ppm
Barium.....	2 ppm
Cadmium.....	2 ppm
Copper.....	1 ppm
Gross Alpha, Beta & Gamma ...	1 ppm
	(Affinity Order: Co & Ra => Ba => U => Sr)
Color.....	Grey - Black
Physical Form.....	Granular
Mesh Size .....	20 x 60
Bulk Density.....	120 lbs /cu.ft.
Taste and Odor.....	None
Life Expectancy .....	Virtually unlimited for low contaminant conditions

### Packaging

Heavy duty paper bag. Each bag contains 1/2 cu.ft. (60 lbs net weight).