



“We Make Water Better!”

# MEDIA SELECTION GUIDE

MEDIA	ATTRIBUTES	DESCRIPTION	APPLICATIONS
BIRM® A8006	COLOR: BLACK DENSITY: 40-45 LB/CF MESH SIZE: 10 X 50	Used for the reduction of iron & manganese at max level of 10 ppm. pH range must be above 6.8 and dissolved oxygen content must be equal to 15% of the iron & manganese content. Estimated 8-10 yr bed life.	SEDIMENT IRON (clear & red) MANGANESE (clear & red)
BWS™ AERATION MIX AM100	COLOR:BLK/GRAY DENSITY: 45 LB/CF	Used with aerDome/aerZone filters for the reduction of iron & manganese. Mixture of Birm® for the reduction of iron, Calcite® & Corosex® for pH correction, & Filter Ag® for particle filtration. Periodic replenishment will be required.	SEDIMENT IRON (clear & red) MANGANESE (clear & red) pH correction
CALCITE GEORGIA MARBLE A802150	COLOR: WHITE DENSITY: 100 LB/CF MESH SIZE: 16 X 40	Used to neutralize acidic water to a less corrosive state. Sacrificial to water with pH < 7.0 working in ranges from 5.8 - 7.2. Must be replenished every 6 months - 2 years.	pH CORRECTION SEDIMENT (downflow)
CARBON - ACTIVATED A9031A	COLOR: BLACK DENSITY: 27½ LB/CF MESH SIZE: 12 X 40	Activated carbon is produced from both bituminous coal or coconut shells, and remove chlorine, taste, odor, and color causing organic compounds, VOCs, and THMs in all water sources. Must be replaced regularly.	SEDIMENT TASTE & ODOR CHLORINE
CARBON - CATALYTIC A8056	COLOR:BLACK DENSITY: 34 LB/CF MESH SIZE: 12 X 40	Engineered carbon with enhanced catalytic properties to accelerate and promote oxidation, reduction, decomposition, substitution reactions for the elimination of chloramines, hydrogen sulfide, and iron from drinking water.	HYDROGEN SULFIDE CHLORAMINES
CHEMSORB® A8015	COLOR: LIGHT GREEN DENSITY: 55 LB/CF MESH SIZE: 14 X 40	Natural Zeolite that provides filtration down to 5µm at flow rates up to 12 - 18 gpm/ft³. Removal of wide range of colloidal and soluble inorganic contaminants by surface sorption, chemical-binding, change neutralization, coagulation reactions, and/or ion-exchange phenomena.	SEDIMENT
COROSEX® A8012	COLOR: GRAYISH DENSITY: 75 LB/CF MESH SIZE: 6 X 16	Neutralizes free carbon dioxide in water correcting acidic conditions and rendering it less corrosive. Most effective where pH correction is substantial or high flows required. May over correct in low flow conditions and will cement. As Corosex® neutralizes the water, it will increase hardness and a softener may become necessary.	pH CORRECTION SEDIMENT (downflow)
FILTER AG PLUS® A8014	COLOR: LIGHT GREY DENSITY: 50 LB/CF MESH SIZE: 10 X 34	A granular pumicite media whose unique structure creates a complex flow path allowing for maximum removal of suspended matter throughout the filter bed. It typically removes suspended solids down to 5µm. Its large particle size creates less pressure loss creating longer filter runs.	SEDIMENT
FILTER-OX® A8045C	COLOR: GREY DENSITY: 84 LB/CF MESH SIZE: 20 X 40	Used in reduction of iron, manganese, and hydrogen sulfide through oxidation and filtration. Soluble iron and manganese are oxidized and precipitated by contact with the catalytic coating on the granules. The hydrogen sulfide is oxidized to an insoluble sulfur precipitate. Precipitates are then filtered.	IRON MANGANESE HYDROGEN SULFIDE
GARNET A7080A	COLOR: REDDISH BLK DENSITY: 120-149 LB/CF EFFECTIVE SIZE: 0.21-2.45 mm	Garnet is a naturally occurring, chemically inert non-metallic mineral. Its high hardness, high density, and durability make it ideal for use as the lower(final) filtration layer in a downflow multi-media bed. Meets AWWA Standard B100-01 and certified to NSF/ANSI Standard 61.	SEDIMENT FILTER UNDERBED
KATALOX LIGHT A8047	COLOR: BLACK DENSITY: 66 LB/CF MESH SIZE: 14 X 30	An engineered ZEOSORB media coated with manganese dioxide. Used for high level filtration, iron, manganese, hydrogen sulfide, color & odor removal, and pH correction. An oxidizer, such as H <sub>2</sub> O <sub>2</sub> , may be used to accelerate the catalytic oxidation on the surface of the media.	pH CORRECTION IRON MANGANESE HYDROGEN SULFIDE
GREENSAND PLUS™ A8045	COLOR: BLACK DENSITY: 85 LB/CF MESH SIZE 18 X 60	Commonly used for removal of soluble iron & manganese up to 10 ppm and hydrogen sulfide with a max level of 3 ppm. Historically, chemical regeneration was necessary. Now an ozone generated sidekick can be used for regeneration purposes. A robust media with an estimated life of about 8-10 years.	SEDIMENT IRON (clear & red) MANGANESE (clear & red) HYDROGEN SULFIDE