

IRON MANGANESE HYDROGEN SULFIDE

Filter-Ox® is an excellent media that does not create as high of a pH rise that is common with Katalox Light and can be used in place of Greensand+ in most applications. Soluble iron and manganese are oxidized and precipitated by contact with the catalytic coating (12.5% manganese dioxide) on the Filter-Ox® granules. A quick chlorine rinse on start up is all that is needed.

Katalox-Light® is a hybrid NSF/ANSI 61 certified media designed for the reduction of iron, manganese and hydrogen sulfide. This media combines natural clinoptilolite with a 10% coating/impregnation of manganese dioxide. The unique structure of the media allows for suspended solids reduction to about 3-5 microns nominal while providing low pressure loss, high service flow rates and extended contaminant capacity. In typical conditions, Katalox-Light® media life expectancy is 5+ years. Expect a pH increase of undetermined length and severity.

Birm® is popular for AIO systems where low levels of iron and adequate pH are present. Low backwash rates make this a popular media for low production wells.

Greensand+® is a popular iron reduction media. Low pH rise, excellent capacity and reasonable backwash rates make this a popular choice. A perfect replacement to the original Greensand. Typically configured 60% Greensand +/40% Anthracite.

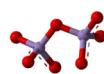
Pyrolox® can be an excellent media if it is applied correctly. Extremely high backwash rates make this a difficult media to use. A 10" tank can need >15 GPM for a proper backwashing cycle.

Oxidant injection should be done 20 seconds upstream of the backwashing filters. If chlorine is used, a free chlorine residual of .5 ppm should be maintained. See manufacturers specification for each media's water quality requirements prior to installation. Pilot testing is highly advised for adequate iron reduction.



Item #	Description	≈Service GPM/ ft ²	≈Backwash GPM ft ²	Hydrogen Peroxide Compatible	Sodium Hypochlorite Compatible	Potassium Permanganate Compatible	Bag Size ft ³	≈Ship Lbs.	Notes
13-FO*	Filter-Ox USA	2-12	12-15	Yes*	Yes	Yes	.5	42	Best Seller, lower pH rise
13-FL	Katalox Light	2-12	10-15	Yes	Yes	Yes	1	66	pH rise can be an issue
13-BRM*	Birm	3.5-5	10-12	No	No	Yes	1	38	Not For H2S reduction!
13-GSP	GreenSand +	2-12	>12	Yes	Yes	Yes	.5	44	Replaces Greensand
13-PX	Pyrolox	5	25-30	No	Yes	Yes	.5	60	H2O2 prohibited

*Not for installation in California, H2O2 compatibility should be tested and verified on site and a residual of .5 ppm should not be exceeded.



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