

PureAir Filtration



Sulphasorb Fe Iron Chemistry H₂S Scavenger

Description:

Sulphasorb Fe breaks new ground in the removal of hydrogen sulfide (H₂S) and other odorous gases. The ability to removed **25% of its weight** in H₂S places it high above activated carbon, but this ultra-high capacity is only the beginning.

Made from a high iron content compound, Sulphasorb Fe is an all-around better choice than activated carbon for use in odor control scrubbers where H₂S levels exceed 50 ppm because of several advantages:

- very effective at capturing even high levels of H₂S
- unlike carbon, it works especially well in humid air
- can be stored indefinitely without loss of capacity/effectiveness
- adsorbs light mercaptans (methyl and ethyl) as well as H₂S
- environmentally safe & easily disposable in both reacted and unreacted forms
- can be easily removed after use - it does not compact or bind
- works as a superior upgrade in performance and convenience to the iron sponge

Sulphasorb Fe is typically used as a roughing filter in conjunction with other PureAir adsorbents in order to provide an effective, low cost solution for complete odor removal.

Properties:

- **H₂S Removal Capacity :** minimum of 25%, by weight
- **Appearance:** black, granular
- **Odor:** odorless
- **Density:** 62 lbs/ft³ , 1.0 g/cc
- **Granular size:** 4 to 16 mesh

Sulphasorb Fe can be used in conjunction with PureAir's real time media bed monitor to determine the remaining life of the adsorbent. This low cost monitoring system allows Pure Air customers to determine in real time the remaining life PureAir odor adsorbing media. This ends the guesswork out of maintaining odor control systems and eliminates the possibility of a unplanned odor break-through of the adsorbent.

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