



GTS-HS600

6% Potassium Permanganate Impregnated Media

GTS-HS 600 is a unique molecular sieve impregnated with potassium permanganate to oxidize gaseous pollutants including hydrogen sulfide, sulfur dioxide, formaldehyde, ethylene, mercaptans, and various aldehydes and alcohols. Effective in air dryers, scrubber tanks, compressor tanks, exhaust systems, computer rooms, general HVAC applications, and fresh fruit, vegetable and flower storage & transportation, **GTS-HS 600** oxidizes contaminants more efficiently and offers longer service life than competitive products.

TYPICAL PHYSICAL PROPERTIES / SPECIFICATIONS

GTS-HS 600 media is impregnated with 6.0% of the active ingredient potassium permanganate versus 4.0% for activated alumina products (50% more). **GTS-HS 600** has a density of 60 pounds per cubic foot versus 50 pounds per cubic foot for activated alumina. When the media is placed in a scrubber/filter (or any fixed space) there are less open spaces or voids, approximately 20% less. The concept is simple, round activated alumina rests like marbles in a jar while **GTS-HS 600** nestles, filling the majority of the voids. Pollutant air is filtered more efficiently when void spaces are minimized. An insignificant increase in static pressure across the media bed is offset by reduced dust from **GTS-HS 600** versus activated alumina product.

Zeolite used in **GTS-HS 600** offers:

- 80% greater service life
- 2,500 pounds per square inch crush strength
- substantially less dust
- improved air quality
- less frequent final filter replacement costs
- and reduced net static air pressure.

In summary, **GTS-HS 600** density of 60 pounds per cubic foot and 6.0% potassium permanganate impregnation results in 3.6 pounds per cubic foot of activated ingredient. Activated alumina products carry only 2.0 pounds per cubic foot (50 pounds per cubic foot times 4.0%). Activated alumina has characteristics similar to chalk. A simple on site test is to partially fill and shake a small container with **GTS-HS 600** and activated alumina product.

STANDARD PACKAGING

2000 lb Supersacks

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