

PureAir 8 Adsorbent Media



Basic Information:

- PureAir 8 targets a broad range of gases that cause corrosion, odor, and other unwanted gases.
- PureAir Filtration starts with the highest grade activated alumina to ensure that the greatest possible adsorption capacity is reached. This alumina is then impregnated with potassium permanganate.
- PureAir Filtration adds a proprietary additive during the process in order to keep all eight percent of the permanganate available for reaction.

PureAir 8 has been developed to have roughly twice the capacity of PureAir 4. This media meets the requirements for UL certification.



General Description	Product Specifications	Removal Capability
<p>Spherical or cylindrical porous pellets formed from a combination of powdered activated alumina and other binders, suitably impregnated with potassium permanganate to provide optimum adsorption, absorption, and oxidation of a wide variety of gaseous contaminants.</p>	<ul style="list-style-type: none"> • Particle Size: 4mm sphere • Density: 800 kg/m³ (50 lbs/ft³) • Surface Area: 350 m²/g • Typical Moisture Content %: 20% • Crush Test: 40 lbs - 60 lbs • Abrasion Loss %: 3% max • Relative Pressure Drop: See Curve A • Ignition Temperature: Non-ignitable • Permanganate Content: 8% minimum 	<ul style="list-style-type: none"> • Hydrogen Sulfide: 14% min by weight, or 0.112 grams per cc (per ASTM D6646-03) • Sulfur Dioxide: 7% by weight • Nitric Oxide: 5% by weight • Formaldehyde: 2.5% by weight • Nitric Dioxide: 20.96% by weight

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