

# PureAir 4 Adsorbent Media



## Basic Information:

- PureAir 4 targets a broad range of gases that cause corrosion, odor, and other unwanted gases.
- PureAir 4 is created with the highest grade activated alumina to ensure the greatest possible adsorption capacity is reached. This alumina is then impregnated with potassium permanganate.

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"> <li>• Particle Size: 4mm sphere</li> <li>• Density: 800 kg/m<sup>3</sup> (50 lbs/ft<sup>3</sup>)</li> <li>• Surface Area: 350 m<sup>2</sup>/g</li> <li>• Typical Moisture Content %: 20%</li> <li>• Crush Test: 40 lbs - 60 lbs</li> <li>• Abrasion Loss %: 3% max</li> <li>• Relative Pressure Drop: See Curve A*</li> <li>• Ignition Temperature: Non-ignitable</li> <li>• Permanganate Content: 4% minimum</li> </ul> <p>*See Curves Details at <a href="http://pureairfiltration.com/curves/">pureairfiltration.com/curves/</a></p>	<ul style="list-style-type: none"> <li>• Hydrogen Sulfide: 0.07 g/cc min (8.0% by weight)</li> <li>• Sulfur Dioxide: 4.0% by weight</li> <li>• Nitric Oxide: 2.85% by weight</li> <li>• Nitrogen Dioxide: 10% by weight</li> <li>• Formaldehyde: 1.4% by weight</li> </ul>

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