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Potassium Permanganate (KMnO₄) Impregnated Alumina

Potassium Permanganate (KMnO₄) Impregnated Alumina (R-200) is an air filter media specifically designed for control of corrosive gaseous contaminants. R-200 allows for the protection of instrumentation from corrosion and odor control in the vicinity of processes, which emit hydrogen sulfide (H₂S).

APPLICATION: Enhanced vapor phase removal of H₂S, Sulfur Dioxide (SO₂), Sulfur compounds, Mercaptans, Formaldehyde, Ethylene, and Similar vapors.

MEDIA PROPERTIES:

Bulk Density, minimum (lbs./Ft ³)	50
Moisture Content, maximum (ASTM 02867)	15%
Crush Strength, minimum	2 lbs.
Attrition Index, maximum	3% loss by weight
KMnO ₄ Content	4% average by weight
Mean Particle Diameter	3x9 Mesh
U.L. Listing	Class 1 (as to flammability only)

Standard Packaging: 50 lb. boxes, 350 lb. drums, and 2,000 lb. super sacks available.

Safety Notice: Wet Activated Carbon depletes Oxygen and creates a severe safety hazard for people working in confined spaces such as inside filters.

All information presented herein is believed reliable and in accordance with accepted engineering practices. Riley Equipment makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product stability for specific applications.

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