



SULFAPURE

— ADVANCED ACTIVATED CARBON PRODUCTS —

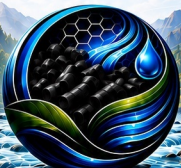


SULFAPURE

— ADVANCED ACTIVATED CARBON PRODUCTS —

LP 4MM PELLETIZED

**PREMIUM CATALYTIC
ACTIVATED CARBON**



**HIGH SULFUR
LOADING**



**LOW PRESSURE
DROP**



**LONGER
MEDIA LIFE**



**LOW DUST
GENERATION**

HIGH PERFORMANCE. LOWER COST. CLEANER ENVIRONMENT.

SulfaPure™ LP 4 mm pelletized activated carbon is engineered for the efficient removal of hydrogen sulfide (H_2S), mercaptans, and other sulfur compounds from vapor phase air streams.

SulfaPure™ LP uses proprietary catalytic technology to convert H_2S to elemental sulfur—delivering high loading capacity, low pressure drop, and long service life.

Its optimized pore structure provides approximately twice the mesopore and macropore volume of traditional odor control carbons—enabling rapid diffusion, effective performance in humid conditions, reduced risk of hot spots and bed plugging, and lower total cost of ownership.

It performs consistently in 60–100% humidity, making it ideal for biogas and other demanding applications.



CONVERTS H_2S TO ELEMENTAL SULFUR

Proprietary catalytic surface promotes oxidation of H_2S to elemental sulfur. The optimized pore structure provides approximately twice the mesopore and macropore volume of traditional odor control carbons, distributing sulfur throughout the pellet for longer life and fewer change-outs.



ECONOMICAL SOLUTION

High sulfur loading capacity and low pressure drop combine to deliver the lowest total cost of ownership and the lowest cost per pound of H_2S removed.

POWERFUL PROTECTION. CLEANER AIR.

SulfaPure™ LP 4 mm pelletized activated carbon is manufactured in the USA under ISO 9001—certified quality standards to ensure consistent performance, reliability, and safety.

HYDROGEN SULFIDE CAPACITY



0.25 g H_2S /mL minimum
@ 60% RELATIVE HUMIDITY

KEY PERFORMANCE BENEFITS

- ✓ High H_2S loading capacity for lower lifecycle costs
- ✓ Low pressure drop for energy efficiency
- ✓ Excellent performance in high humidity (60–100% RH)
- ✓ Optimized pore structure for rapid diffusion and sulfur storage
- ✓ Low dust and high mechanical strength
- ✓ Reduced risk of hot spots / exotherms
- ✓ Easy and effective: no bricking

TECHNOLOGY OVERVIEW

SulfaPure™ LP utilizes proprietary catalytic technology to oxidize hydrogen sulfide (H_2S) to elemental sulfur on the carbon surface. Its highly developed pore structure provides approximately twice the mesopore and macropore volume of traditional odor control carbons, enabling rapid diffusion of H_2S , mercaptans, and other sulfur compounds to internal reaction sites.

SulfaPure™ LP is engineered with an optimized network of accessible mesopores and macropores that maximizes contact between gas molecules and the catalytic carbon surface. This internal pore structure supports effective performance in humid service, distributes elemental sulfur throughout the pellet rather than primarily on the surface, helps reduce bed plugging and exothermic hot spots, maintains low pressure drop, and extends service life between media change-outs.

TYPICAL APPLICATIONS

- 1 Biogas & Renewable Natural Gas
- 2 Wastewater Treatment Plants
- 3 Landfills & Transfer Stations
- 4 Food & Beverage Processing
- 5 Pulp & Paper Mills
- 6 Industrial Odor Control
- 7 Composting Facilities

PACKAGING OPTIONS



40 lb Bags



1,000 lb
Super Sacks



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1200 Americana Blvd., Suite 1014 Sd
Sanford, FL 32773 ☎ (407) 547-9949
✉ sales@municipalodorcontrol.com
🌐 www.municipalodorcontrol.com



SULFAPURE LP

ADVANCED PELLETIZED CATALYTIC CARBON

PREMIUM PACKAGING. SUPERIOR PERFORMANCE.

Engineered for Performance. Packaged for Protection.

Ready for Your Toughest Odor Control Challenges.

40 LB BAGS

EASY TO HANDLE.
BUILT TO PERFORM.



4 MM PELLETIZED
CATALYTIC CARBON



HIGH LOADING CAPACITY
LOW PRESSURE DROP



LOW DUST
CLEAN & EFFICIENT



NON-SELF HEATING
SAFE & RELIABLE



SUSTAINABLE
NON-IMPREGNATED



MADE IN USA
ISO 9001 CERTIFIED



DISPOSAL

Sulfapure LP activated carbon converts H_2S to elemental sulfur when operated under ASTM-6646 test conditions. Spent carbon produced under these conditions has been determined to not meet the definition of a characteristic Resource Conservation and Recovery Act (RCRA) hazardous waste based on ignitability, reactivity, corrosivity, or toxicity criteria. Final waste determinations must be made by the generator since site-specific conditions may affect the waste characteristics and classifications, as well as any state-specific requirements.

1000 LB SUPER SACKS

MAXIMUM CAPACITY.
MAXIMUM VALUE.



HEAVY-DUTY
SUPER SACK DESIGN



FOUR LIFT LOOPS
EASY & SAFE HANDLING



MOISTURE RESISTANT
LINER PROTECTION



CONSISTENT QUALITY
BATCH AFTER BATCH



COST EFFECTIVE
BULK SOLUTION



MADE IN USA
ISO 9001 CERTIFIED



DESIGN

Custom systems
designed for
your application



RETROFITS

Upgrade existing systems
for maximum efficiency
and performance



MEDIA CHANGE-OUTS

Expert removal, disposal
and replacement for
optimal results



TURN KEY SOLUTIONS

Complete odor control
systems delivered
and installed

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☎ (407) 547-9949

✉ sales@municipalodorcontrol.com

🌐 www.municipalodorcontrol.com

