

**Granular
activated
carbon**

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Sulfusorb 10

Sulfusorb 10 is manufactured via high temperature steam activation at rigidly controlled conditions then impregnated with copper oxide (CuO) specifically designed for removal of hydrogen sulfide and low molecular weight organic sulfur compounds from gas streams.

Hydrogen sulfide is first physically adsorbed into the pores of the carbon where it comes into contact with the CuO, resulting in a chemical reaction which increases the adsorption capacity over non-impregnated activated carbons.

Sulfusorb 10 is available in two mesh sizes to suit specific design and pressure drop requirements.



Benefits

- Produced from a reagglomerated blend of pulverized bituminous coals resulting in a consistent high quality product with a pore structure that is optimal for the adsorption of a broad range of contaminants and concentrations.
- Higher density results in high volume activity and economical vessel design.
- High mechanical strength and uniform transport pore distribution resulting in excellent reactivation performance.
- Increased adsorption capacity due to copper oxide impregnation that normal carbons do not have.
- No residual activation chemicals to interfere with operation.

Applications

- Odor control
- Environmental air
- Gas processing
- Industrial air treatment

Technical specifications

Copper oxide, by weight	10.0% (min)	
Moisture, by weight, as packed	2.0% (max)	
Screen Size by Weight, U.S Sieve Series		
	4x10	12x30
4 US mesh [4.75 mm], wt%	5.0% (max)	
< 10 US mesh [2.00 mm] (PAN), wt%	5.0% (max)	-
12 US mesh [1.70 mm], wt%	-	5.0% (max)
< 30 US mesh [0.600 mm] (PAN), wt%	-	5.0% (max)

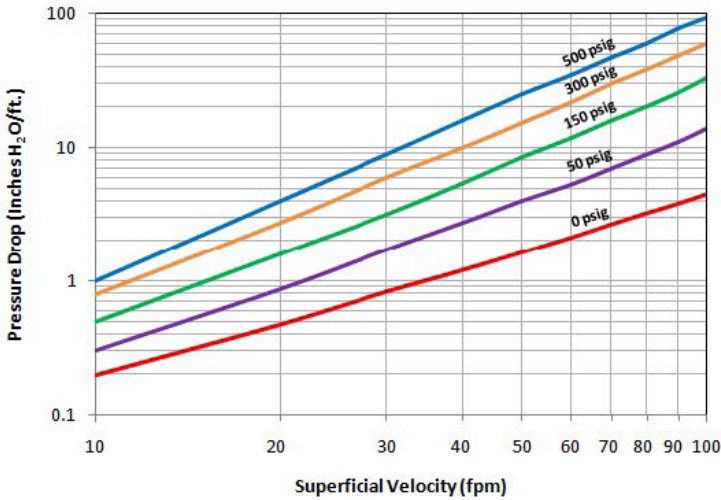


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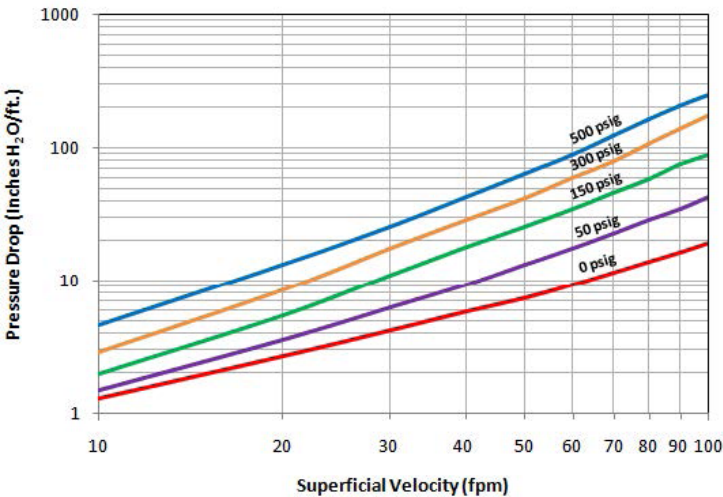
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Pressure drop, natural gas at 70°F 4x10 mesh



Pressure drop, natural gas at 70°F 12x30 mesh



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