



## ProGuard 700 Media

ProGuard 700 is pelletized carbon based on bituminous coal. It is designed to remove a broad range of gaseous compounds from the air. It is routinely used in HVAC systems in offices, machine shops, bars, restaurants, and industrial buildings.

### MEDIA COMPOSITION

**ProGuard 700** carbon media contains a high percentage of medium diameter pores (mesopores), which have the highest capacity to adsorb medium to high molecular weight compounds. Their ability to remove these gases down to very low parts per billion levels makes them effective odor and pollution controllers.

### MEDIA ADVANTAGES

- *Low dust*
- *Very effective for a broad range of chemicals (contaminants)*
- *Nontoxic and nonhazardous*
- *Uniform size*
- *Easy disposal*

### TARGET CONTAMINANTS AND THE REMOVAL PROCESS

Contaminants are removed by adsorption and chemisorption. Odorous gases are trapped throughout the pellet utilizing the full capacity. Common contaminants include: acetic acid, alcohols, VOC's like benzene, chlorine, garlic, onion, gasoline ozone, phenol, and tobacco smoke.

### ADDITIONAL MEDIA

ProMark provides a range of media that covers all gas phase filtration requirements. **ProGuard 100** is designed for ethylene and general odor control. **ProGuard 200** is designed for toxic and corrosive gases. **ProGuard 400** removes chlorine gas. **ProGuard 800** is designed for ammonia and other basic pH gases; **ProGuard 900** controls acid gases. The right media will be selected to address the specific need based upon contaminant gases present, concentration levels, airflow requirements, environmental concerns and room design considerations.

### YOUR COMPLETE SOURCE FOR GAS PHASE FILTRATION

- *Media for all types of applications (KMnO<sub>4</sub> on alumina, plain carbon, impregnated carbon)*
- *Equipment design and supply*
- *Laboratory support, media testing, coupon analysis*
- *Monitoring instruments*
- *Technical support for application and design*



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