



## ProGuard 600 Media

ProGuard 600 is virgin, coconut shell based, granular carbon selected for high activity capabilities. It is specifically designed to remove a broad range of gaseous compounds from the air and is routinely used in HVAC systems in offices, machine shops, lounges, restaurants, and commercial and industrial buildings.

### MEDIA COMPOSITION

**ProGuard 600** is made from select grades of high quality coconut shell, activated under rigid process control conditions by high temperature steam activation to yield a strong, dense, very active product. It provides a high surface area, fine pore structure, high hardness, high volume activity and ease of regeneration.

### MEDIA ADVANTAGES

- *Very hard*
- *Very effective for a broad range of chemicals*
- *Nontoxic and nonhazardous*
- *Long history of successful usage*
- *Easy disposal*
- *Renewable resource*

### TARGET CONTAMINANTS AND THE REMOVAL PROCESS

Contaminants are removed by adsorption, absorption and molecular attraction. Odorous gases are captured as they flow through the granule where they are captured on the vast surface area. Common contaminants include: cigarette smoke, VOCs, acetic acid, chlorine, methyl alcohol, ozone, and toluene.

### 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 Blend** combines ProGuard 200 or 300 and carbon for general odor control over the greatest range of gases. **ProGuard 700** is activated coal based carbon for general odor control.

**ProGuard 800** is designed for ammonia and other basic pH gases. **ProGuard 900** controls acid gases.

**Dry 208** desiccant replaces any alumina based desiccant media for air or liquid drying. 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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