Clack Anthracite is a select coal, mined and processed for use in water filtration. It is ideal for single bed, dual bed or multi-media filtration systems.

**ADVANTAGES**
- Higher service flows and longer filter runs than equivalent sand filters
- Close attention to gradation, hardness and purity assures consistent and reliable performance
- Unique density allows Clack Anthracite to be combined with other filtration media in multi-media filters
- Lower uniformity coefficient has less oversized and undersized particles resulting in a highly uniform bed

**PHYSICAL PROPERTIES**
- Color: Black
- Bulk Density: 50 lbs./cu. ft.
- Hardness: 3.0-3.8 (Mohs scale)
- Effective Size:
  - #1 Anthracite: 0.6-0.8 mm
  - #1½ Anthracite: 0.85-0.95 mm
  - #2 Anthracite: 1.7-2.0 mm
- Uniformity Coefficient:
  - #1 Anthracite: <1.7
  - #1½ Anthracite: <1.7
  - #2 Anthracite: <1.6
- Mesh Size:
  - #1 Anthracite: 14x30
  - #1½ Anthracite: 10x20
  - #2 Anthracite: 4x12
- Acid Solubility: ≤1%
- Caustic Solubility: <1%
- Apparent Specific Gravity: 1.6 gm/cc
- Meets AWWA Standard B100-01

**CONDITIONS FOR OPERATION**
- Bed depth: 24-36 in., 10-18 in multi-bed filters
- Freeboard: 50% of bed depth (min.)
- Service flow rate: 5 gpm/sq. ft. or higher depending upon local conditions
- Backwash flow rate:
  - #1 Anthracite: 12-18 gpm/sq. ft.
  - #2 Anthracite: use air scour
- Backwash bed expansion: 20-40% of bed depth
ORDER INFORMATION

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Cu. Ft./Bag</th>
<th>Wt./Cu. Ft.*</th>
<th>Bags/Pallet</th>
<th>Weight/Pallet</th>
<th>Pallet Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A8029</td>
<td>Anthracite #1 (0.6-0.8 mm)</td>
<td>1</td>
<td>50 lbs.</td>
<td>50</td>
<td>2550 lbs.</td>
<td>40” x 48” x 56”</td>
</tr>
<tr>
<td>A8030</td>
<td>Anthracite #1½ (0.85-0.95 mm)</td>
<td>1</td>
<td>50 lbs.</td>
<td>50</td>
<td>2550 lbs.</td>
<td>40” x 48” x 56”</td>
</tr>
<tr>
<td>A8031</td>
<td>Anthracite #2 (1.7-2.0 mm)</td>
<td>1</td>
<td>50 lbs.</td>
<td>50</td>
<td>2550 lbs.</td>
<td>40” x 48” x 56”</td>
</tr>
</tbody>
</table>

*Weight per cubic foot is approximate.

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The filter medias listed in this brochure do not remove or kill bacteria. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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