



**ANTHRACITE**  
Filter Media Company

## Filter Sand

**Filter Sands** are naturally occurring minerals. They are mined, washed, dried, screened and sized to meet the stringent requirements for water and wastewater filtrations.

Our filter sands meet or exceed the AWWA-B100 and the ANSI/NSF-61 Standards.

### Physical Properties

Hardness (Moh's Scale) .....	7 avg.
Specific Gravity .....	2.65 avg.
Density .....	100 lbs/ft <sup>3</sup>
Color .....	Gray to Amber
Acid Solubility (AWWA B100) .....	Less than 1%
Sphericity .....	0.5 - 0.9

### Typical Chemical Analysis (%)

Silica, SiO <sub>2</sub> .....	90.27	Magnesium, MgO .....	0.037
Aluminum, Al <sub>2</sub> O <sub>3</sub> .....	4.53	Calcium, CaO .....	0.87
Sodium, Na <sub>2</sub> O .....	1.72	Titanium, TiO <sub>2</sub> .....	0.11
Potassium, K <sub>2</sub> O .....	0.50	Iron Oxide, Fe <sub>2</sub> O <sub>3</sub> .....	0.087
Iron, FeO .....	0.77	Asbestos .....	None

### Typical Sizes

E.S.: .35 - .45 mm	6 X 12 Mesh
E.S.: .40 - .45 mm	8 X 16 Mesh
E.S.: .45 - .55 mm	12 X 20 Mesh
E.S.: .55 - .65 mm	8 X 12 Mesh

**Packaging:** 50 or 100 pound bags / Supersacks