

ANTHRACITE FILTER MEDIA



ADVANTAGES

- **Superior Filtration:** Anthracite filter media offers excellent particle removal capabilities, ensuring significant reduction in turbidity.
- **Extended Lifespan:** Long-lasting durability and resistance to media compaction result in a prolonged filter bed life.
- **Chemical Inertness:** Resistant to chemical reactions, ensuring the media's stability in various water treatment applications.
- **Cost-Effective:** Lower maintenance and replacement costs due to extended media life and efficient filtration.
- **Wide Range of Applications:** Suitable for a variety of water treatment processes, including municipal, industrial, and commercial systems.

PHYSICAL PROPERTIES

- Color: Black
- Effective Size: 0.6 - 0.8 mm
- Uniformity Coefficient (UC): < 1.6
- Carbon Content: 85 - 90 %
- Sulphur Content: 0.85
- Ash Content: 7 % Max
- Bulk Density: 850 Kg/m³
- Specific Gravity: 1.4 - 1.6 g/cm³
- Hardness: 3 - 4 (Mohs Scale)
- Acid Solubility: < 1 %
- Moisture Content: < 1 %
- Caustic Solubility: < 1 %
- Abrasion Loss: < 3 %
- Apparent Porosity: > 50 %
- pH Range: 6 - 9
- Meets AWWA Standard B100-01

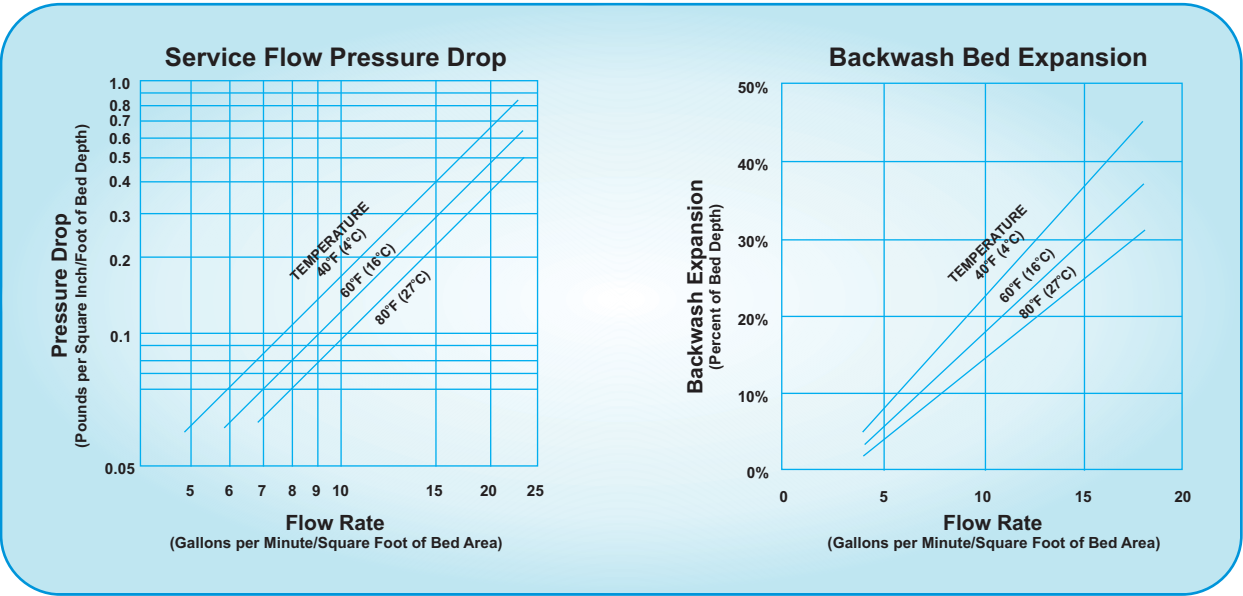
CONDITIONS FOR OPERATIONS

- Recommended Bed Depth: 18 - 30 inches
- Backwash Flow Rate: 15 - 25 (m/h)
- Service Flow Rate: 5 - 15 (m/h)
- Maximum Temperature: 150°C (302°F)
- Maximum Operating Pressure: 75 psi (5.2 bar)



STORAGE AND MATERIAL HANDLING INSTRUCTIONS

- Storage: Store anthracite filter media in a dry, well-ventilated area, away from direct sunlight and moisture.
- Material Handling: When handling anthracite filter media, wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Avoid inhalation of dust by using respiratory protection when necessary.
- Avoid dropping or subjecting the media to impact during transportation and handling to prevent breakage.



ORDERING INFORMATION

Description	Cu.Ft / Bag	Wt. / Cu.Ft	Bags / Pallet	Weight / Pallet	Pallet Dimensions
Anthracite 0.6 - 0.8 mm	1	25 Kgs	20	515 Kgs	45" x 45" x 30"

- *Weight Per Cubic Foot is Approximate.
- * Custom Sizes Available Upon Request.

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