

CALCITE PH CORRECTION FILTER MEDIA



ADVANTAGES

- Calcite filter media effectively raises and stabilizes pH levels in water, reducing acidity and preventing corrosion.
- It is a natural and eco-friendly solution, as it consists of calcium carbonate, a non-toxic mineral.
- Calcite media is cost-efficient, requiring minimal maintenance and replacement.
- Its high reactivity ensures rapid pH adjustment in various water treatment applications.
- Consistent particle size distribution ensures predictable and reliable performance.

PHYSICAL PROPERTIES

- Chemical Composition: 98% CaCO_3
- Appearance: White to Off-White Granules
- Particle Size: 1 - 2 mm
- Uniformity Coefficient (UC): < 1.6
- Specific Gravity: 2.7 g/cm^3
- Bulk Density: 1500 Kg/m^3
- Hardness: 3 - 4 (Mohs Scale)

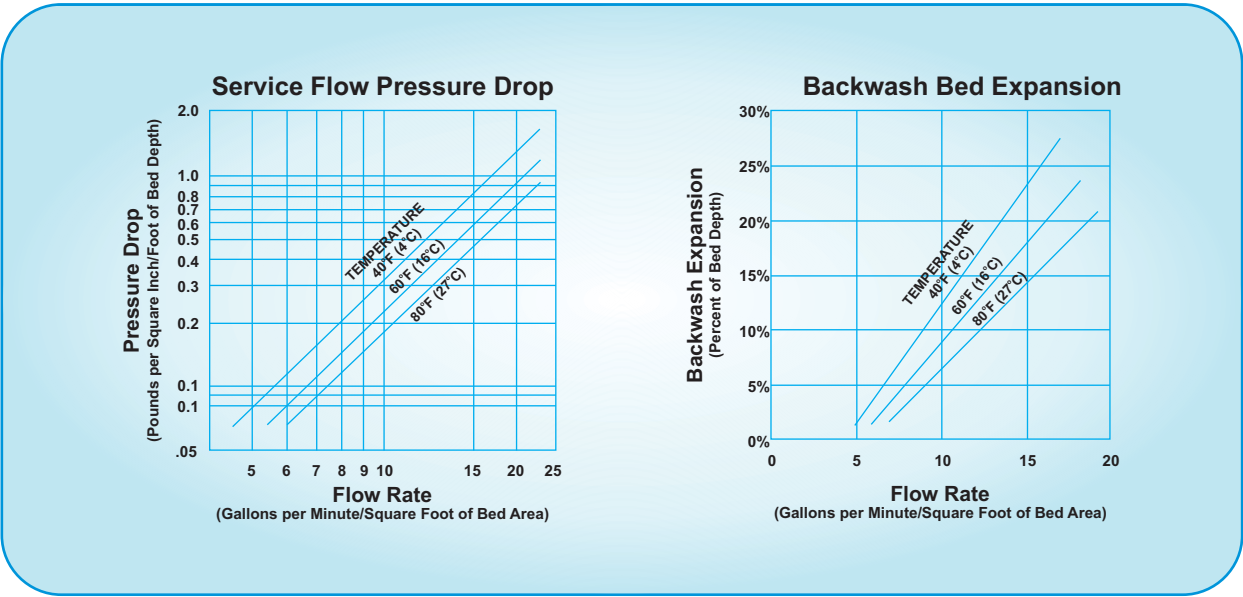
CONDITIONS FOR OPERATIONS

- Bed depth (inches): 24 – 36
- Service flow rate: 5 – 15 (m/h)
Backwash flow rate: 12 – 20 (m/h)
- pH Range: 5 - 7 (Optimal pH for Calcite dissolution)
- Operating Temperature: 40°F - 100°F (4°C - 38°C)
- Contact Time: 3 - 7 minutes minimum



STORAGE AND MATERIAL HANDLING INSTRUCTIONS

- **Storage:** Store in a dry, covered area to prevent moisture absorption.
- **Handling:** Use appropriate personal protective equipment (PPE) when handling media. Avoid inhaling dust. Wash hands thoroughly after handling.
- **Caution:** Calcite pH Correction Filter Media is not intended for direct consumption. Follow local regulations and guidelines for water treatment processes.



ORDERING INFORMATION

Description	Cu.Ft / Bag	Wt. / Cu.Ft	Bags / Pallet	Weight / Pallet	Pallet Dimensions
Calcite 1 - 2 mm	1	50 Kgs	20	1015 Kgs	45" x 45" x 35"

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

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