

COCONUT SHELL ACTIVATED CARBON FILTER MEDIA



ADVANTAGES

- **High Adsorption Capacity:** Exceptional adsorption properties for a wide range of contaminants including organic compounds, chlorine, volatile organic compounds (VOCs), and more.
- **Sustainable Material:** Sourced from renewable coconut shells, making it an eco-friendly choice.
- **Low Dust Generation:** Minimal dust formation during handling and operation, reducing system maintenance.
- **Large Surface Area:** Provides a large surface area for adsorption, resulting in efficient filtration.
- **Low Ash Content:** Ensures purity and prolongs filter life.

PHYSICAL PROPERTIES

- **Particle Size:** 8 x 16, 16 x 30, 8 x 30, 12x40 mesh
- **Bulk Density:** 450 - 500 Kg/m³
- **Iodine Number:** 800 - 1100 mg/g
- **Hardness:** > 98%
- **Moisture Content:** < 5%
- **Surface Area:** > 1000 m²/g
- **pH (1% Solution):** 7 - 10

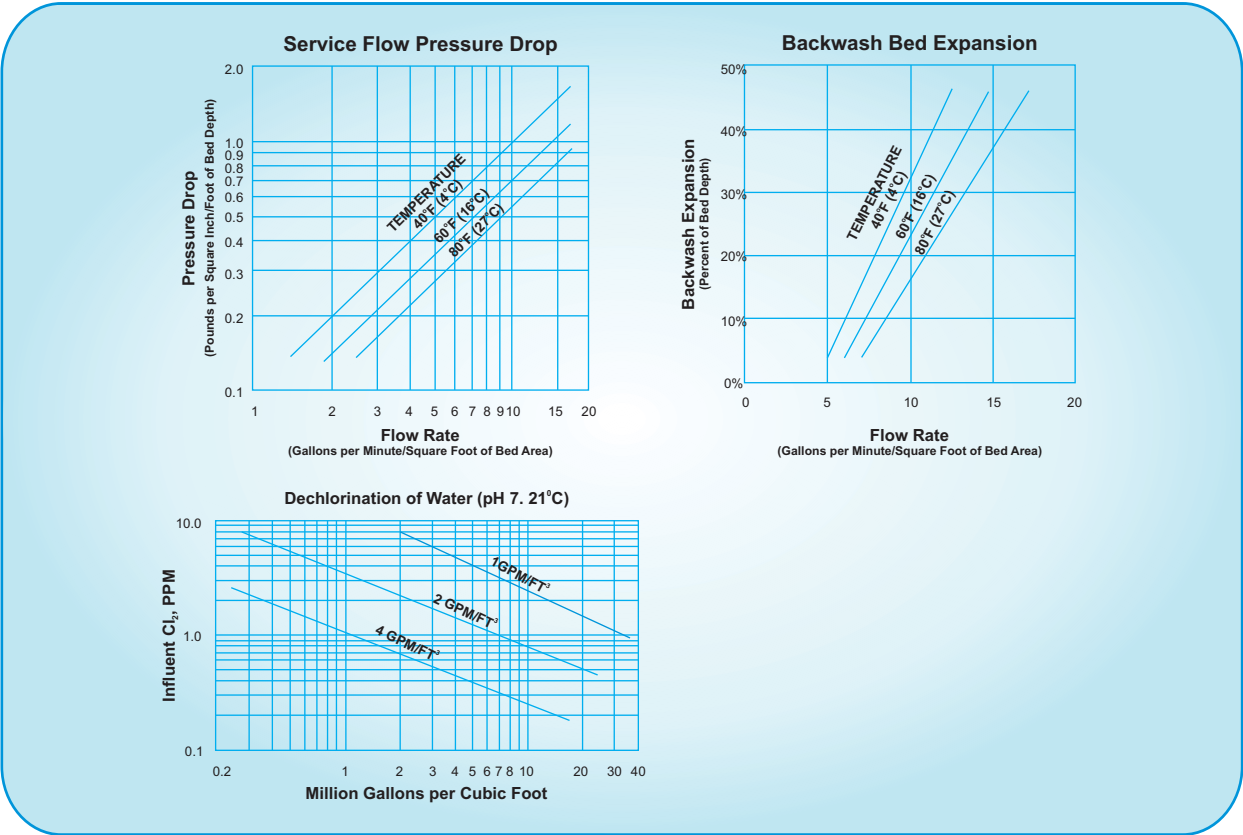
CONDITIONS FOR OPERATIONS

- **Operating Temperature:** 10°C - 35°C
- **pH Range:** 5 - 9
- **Empty Bed Contact Time (EBCT):** 10 - 20 minutes
- **Chlorine Removal Service flow rate:** 3 - 5 (m/h)
- **Organic Removal Flow Rate:** 10 - 20 (m/h)
- **Backwash Flow Rate:** 20 - 30 (m/h)



STORAGE AND MATERIAL HANDLING INSTRUCTIONS

- Storage: Keep in a cool, dry place away from direct sunlight and moisture.
- Handling: Use appropriate personal protective equipment (PPE) when handling.
- Avoid inhalation of dust. Wash hands thoroughly after handling.
- Ensure the material is kept dry to maintain its adsorption capacity.



ORDERING INFORMATION

Description	Cu.Ft / Bag	Wt. / Cu.Ft	Bags / Pallet	Weight / Pallet	Pallet Dimensions
Activated Carbon Coconut Shell	-	15 Kgs	20	515 Kgs	45" x 45" x 34"

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

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