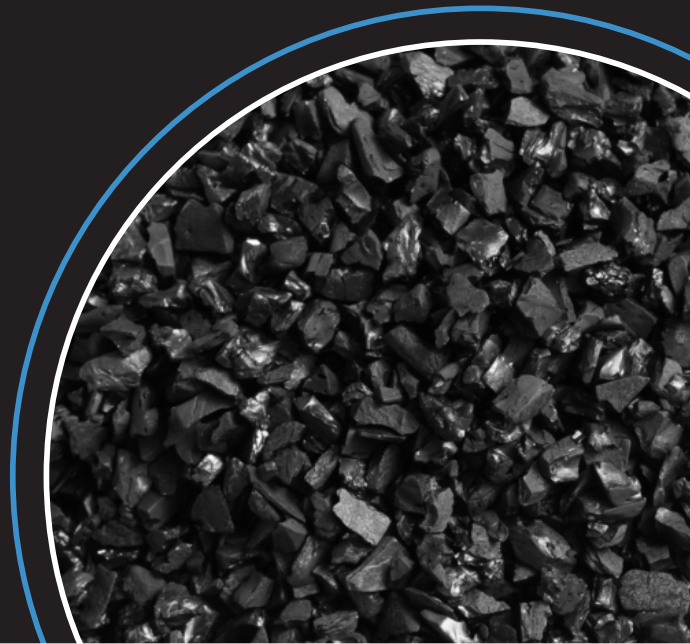




Engineered for Reliable Water Purification



ADVANTAGES

High Adsorption Capacity: Effectively removes chlorine, taste & odour, colour, organic compounds, and a wide range of dissolved contaminants from water.

Excellent Mechanical Strength: High hardness minimizes media loss during handling and backwashing, ensuring extended service life.

Large Surface Area: High internal surface area provides excellent adsorption performance and improved filtration efficiency.

Low Dust Generation: Produces minimal dust during installation and operation, reducing maintenance requirements.

Long Service Life: Durable granular structure provides consistent performance under continuous operating conditions.

Wide Range of Applications: Suitable for drinking water, process water, wastewater treatment, RO pre-treatment, swimming pools, food & beverage, and industrial filtration systems.



PHYSICAL PROPERTIES

• Particle Shape	: Granular
• Particle Size	: 8 × 16 Mesh
• Bulk Density	: 460 - 530 kg/m ³
• Apparent Density	: 0.46 - 0.53 g/cm ³
• Iodine Number	: 950 mg/g (Min.)
• Methylene Blue Value	: 140 mg/g
• Surface Area	: ≥1000 m ² /g
• Hardness	: ≥98%
• Ash Content	: ≤8%
• Moisture Content	: ≤5%
• pH (1% Solution)	: 9 - 10



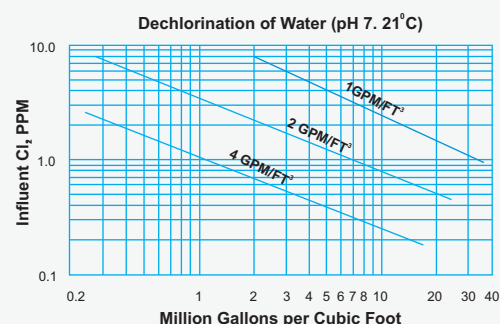
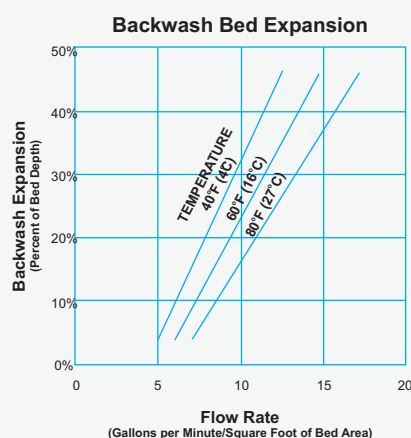
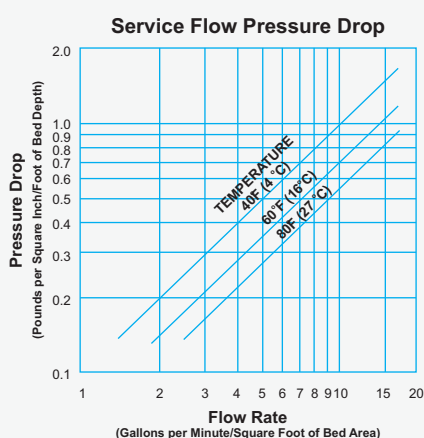
CONDITIONS FOR OPERATION

• Operating Temperature	: 10°C - 35°C
• Operating pH Range	: 5 - 10
• Empty Bed Contact Time (EBCT)	: 10 - 20 Minutes
• Dechlorination 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

- Store in a cool, dry place away from direct sunlight and moisture.
- Keep bags tightly closed until use.
- Use appropriate Personal Protective Equipment (PPE) while handling.
- Avoid inhalation of carbon dust.
- Wash hands thoroughly after handling.
- Keep the product dry to maintain optimum adsorption performance.
- Do not store near strong oxidizing chemicals.



ORDERING INFORMATION

Description	: Granular Activated Carbon
Packing	: 25 Kgs
Wt. / Cu.Ft	: 15 Kgs
Bags / Pallet	: 20
Weight / Pallet	: 515 Kgs
Pallet Dimensions	: 45" x 45" x 34"

*Weight per Cubic Foot is Approximate.
Custom Mesh Sizes Available Upon Request.



APPLICATIONS


DRINKING
WATER


INDUSTRIAL
WATER


RO
TREATMENT


WASTEWATER
TREATMENT


FOOD &
BEVERAGES


PHARMACEUTICAL


CHEMICAL
PROCESSING


SWIMMING
POOLS

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Specifications are subject to change without prior notice.