



**WATERCO**

water, the liquid of life

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# GAC-Plus

Excellent  
Adsorption Water  
Filtration Media

GAC-Plus Granular Activated carbon offering wide range of application in water purification and industrial process liquids. Its porous structure effectively removes dissolved organic matter, pesticides and chemicals in raw water source, while significantly improves water quality.

- Removal of chlorine
- Removal of taste and odour problems
- Removal of organic and non polar contaminants

## GAC-Plus Specification

| Description               | Specification         |
|---------------------------|-----------------------|
| Apparent Density          | 460 kg/m <sup>3</sup> |
| Effective Size            | 1.70 - 0.43mm         |
| Methylene Blue Adsorption | 14g/100g              |
| Total Surface Area        | 900m <sup>2</sup> /g  |
| Ball-pan Hardness         | 96%                   |
| Effective Size D10        | 0.6 mm                |
| Uniformity coefficient    | < 1.7                 |
| Ash Content               | Max. 15%              |

## GAC-Plus Benefits

- Versatile adsorbent
- Excellent adsorption capacity
- Potable water grade
- Proven superior for multiple reactivations

## GAC-Plus Applications

- Residential drinking water treatment
- Taste and odour adsorption
- Swimming pool filtration
- Aquaculture filtration
- Dechlorination of process water

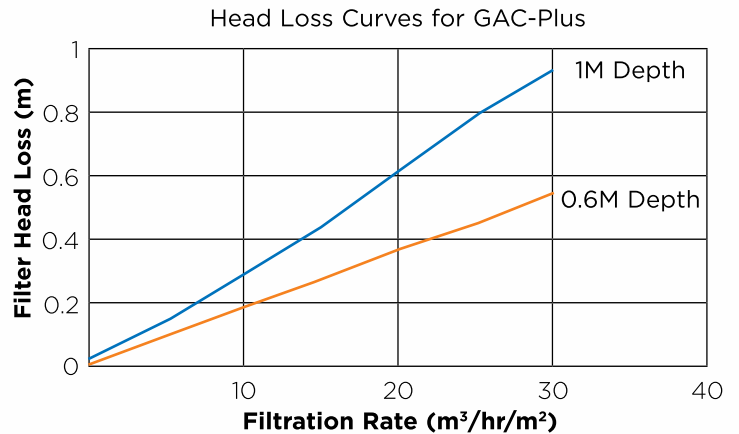
## Approvals and Certifications

- EN12915
- NSF 61 Standard
- AWWA B604
- Halal certified
- Kosher certified
- Food Chemicals Codex

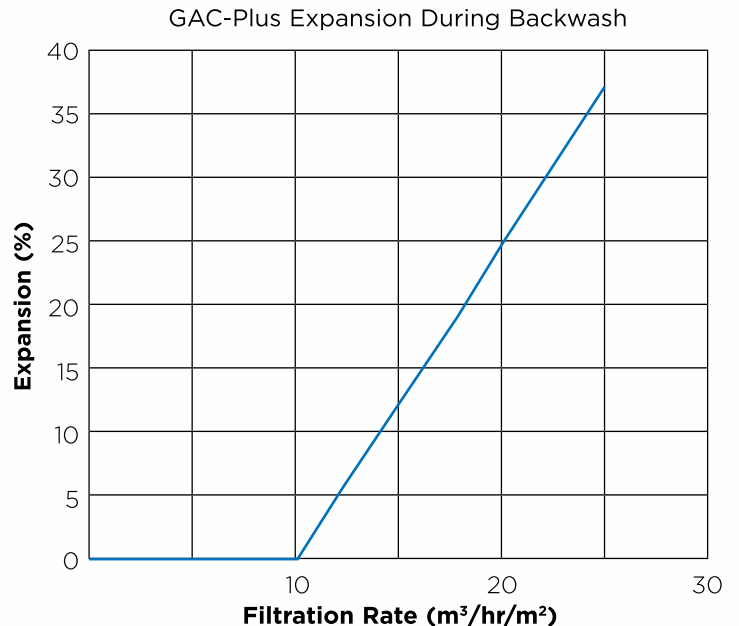
## Technical Datasheet

### a) Head Loss

The pressure drops correlates with the water velocity through the filter and media depth. The chart below shows pressure drop with different media bed depth, 0.6m and 1m.



### b) Bed Expansion During Backwash



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