



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 ³
Effective Size	1.70 - 0.43mm
Methylene Blue Adsorption	14g/100g
Total Surface Area	900m ² /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

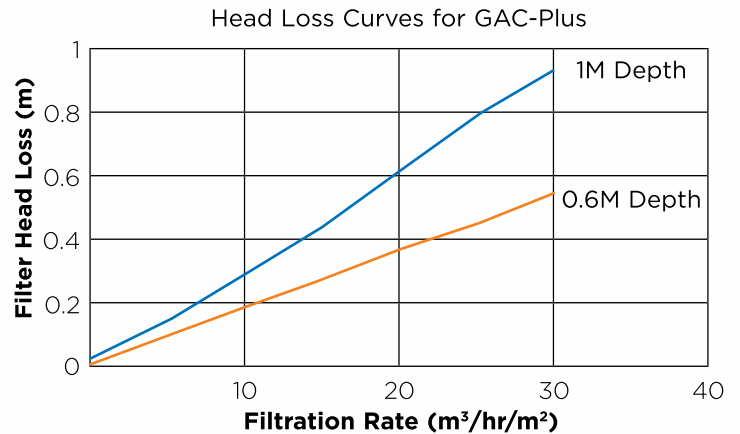
Approvals and Certifications

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

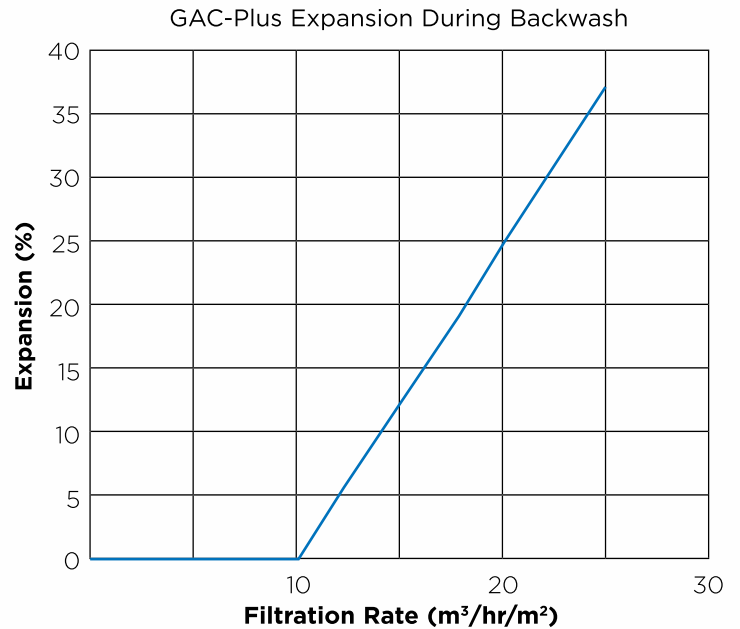
Technical Datasheet

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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