



DECHLORINATION / DECHLORAMINATION

BACTERIOSTATIC

5 MICRON FILTRATION

What is Cerapure-AC ? Cerapure-AC is a highly textured, ceramic granular filter media with an outer shell of a proprietary blend of reactive alloy and activated carbon. The media is configured in a way that inhibits bacterial growth, dechlorinates, dechloraminates while simultaneously providing excellent 5 micron filtration.

Where is it used? Cerapure-AC can be used in any type of standard backwashing filter or integrated as part of a disposable cartridge.

PRODUCT SPECIFICATIONS

Parameter	Cerapure-AC
Effective Size:	0.25 mm to 0.35 mm
Uniformity Coefficient	< 1.4 (< 1.25 Typ.)
Apparent Density	89 lbs/ft ³ (1.4 g/cm ³)
Service Flow Rate Typ.	5 – 10 gpm/ft ² (12-24 m/hr)
Backwash Rate Typ.	10 gpm/ft ² (24 m/hr)



Cerapure-AC is ideal for applications such as:

- Total chlorine or chloramine removal
- Particle removal and retention below 10 microns
- Excellent SDI reduction
- Bacteriostatic performance *

Cerapure-AC is a unique blend of alloy and carbon permanently fused** to ceramic granules and this media backwashes at low flow rates saving backwash water. Cerapure-AC will remove >90% of 5 micron particles and is ideal as a backwashing filter media.

Cerapure-AC will outlast GAC and is not fragile like GAC and does not suffer overgrowth of bacteria like GAC.

Cerapure-AC is an excellent filtration media and can be custom produced in a variety of sizes ensuring excellent particulate removal ahead of critical processes such as reverse osmosis or nano-filtration membrane applications.

*Independent lab testing shows a reduction in Heterotrophic Plate Counts in stagnant filter media when held 3 days at 35 C.

Various effective sizes and uniformity coefficients are available upon request.

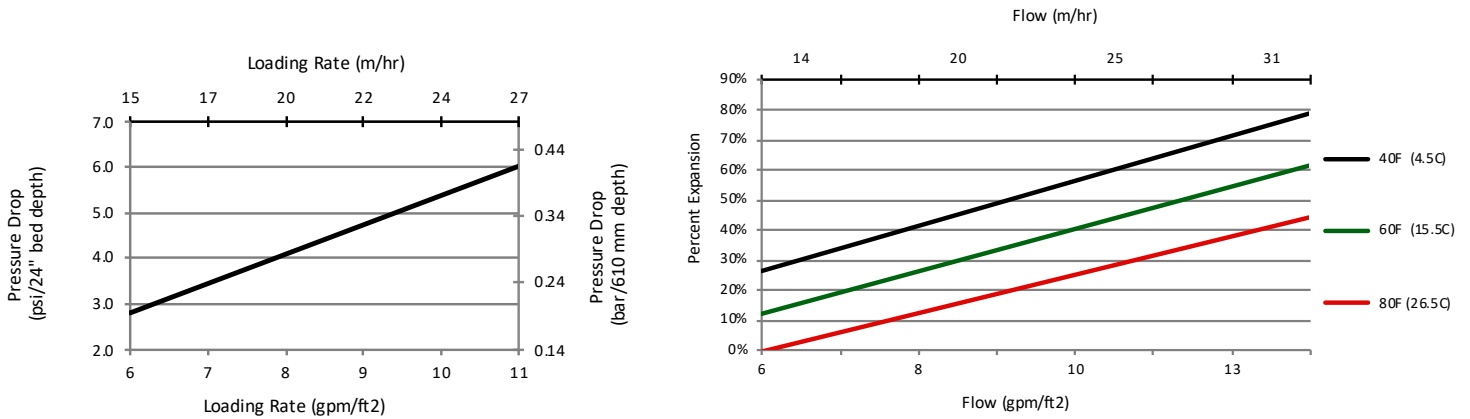
**Patent pending



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OPERATIONAL DATA



Backwash and pressure drop curves for different size material is available upon request.

Operational data for other filter media sizes is available upon request.

**Patent pending*

ABOUT WATEROPOLIS Wateropolis Inc. is dedicated to identifying and developing new and innovative technologies for water and wastewater treatment. We look for simple, logical answers to complex questions.