



What is Ceraflow? Ceraflow is a fired ceramic, spherical, highly textured filter media.

Where is it used? Ceraflow is used in all types of high rate pressure filter applications.

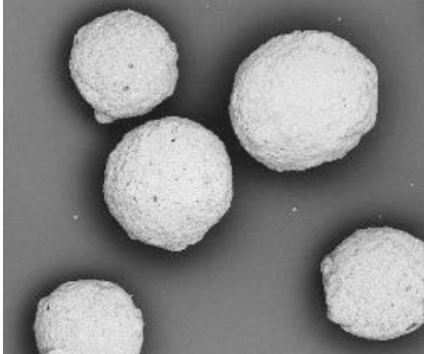
Why is it used? Ceraflow provides better water quality than any other media at high filtration rates.

How long does it last? Ceraflow does not wear out and never needs replacement.

Ceraflow is a durable ceramic granular media with a rough texture. It is spherical and uniform in size and shape giving excellent hydraulic throughput at high feed water loading rates.

Ceraflow is ideal for pressure filter applications such as:

- Surface Water Filtration
- Ground Water Filtration
- Iron and Manganese Removal
- Arsenic Removal
- Industrial Filtration



PRODUCT SPECIFICATIONS

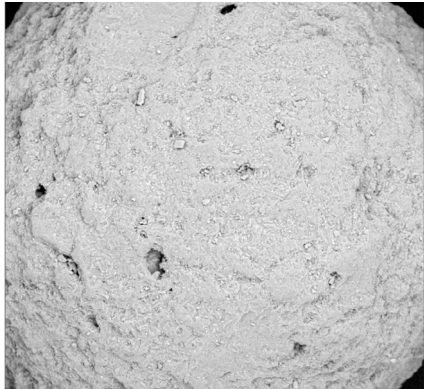
Parameter	Ceraflow-50	Ceraflow-70
Effective Size	0.24 mm — 0.35 mm (40-60 Mesh)	0.15 mm—0.25 mm (60-80 Mesh)
Uniformity Coefficient	< 1.4 (1.25 Typical)	< 1.4 (1.25 Typical)
Density	106 lbs/ft ³ (1.7 g/cm ³)	106 lbs/ft ³ (1.7 g/cm ³)
Recommended Backwash Rate	10 gpm/ft ² (24 m/h)	8 gpm/ft ² (18.3 m/h)
Acid Solubility	<1% (0.1% typical)	<1% (0.1% typical)

Ceraflow media is extremely clean with virtually no dust.

Standard packaging is 20 ft³ (0.56 M³) bulk bags and pallets are optional.

Ceraflow is considered inert and non-reactive and is compatible with acid, caustic and all types of oxidants. Ceraflow can be used in harsh industrial filtration applications, chemical filtration and in high temperature processes up to 1000 F. (538 C.)

For typical down flow filtration we recommend a 24" deep filter bed (610 mm) and a typical operational flow rate of 8—10 gpm/ft² (18.3—24 m/h). Design flow rates will vary depending on solids loading and desired filter run times.

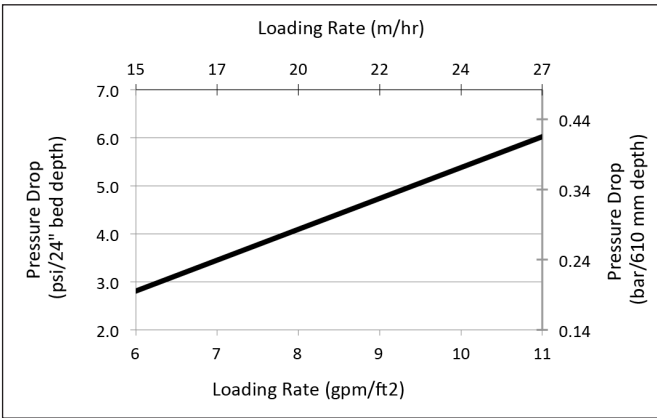


CONTACT US

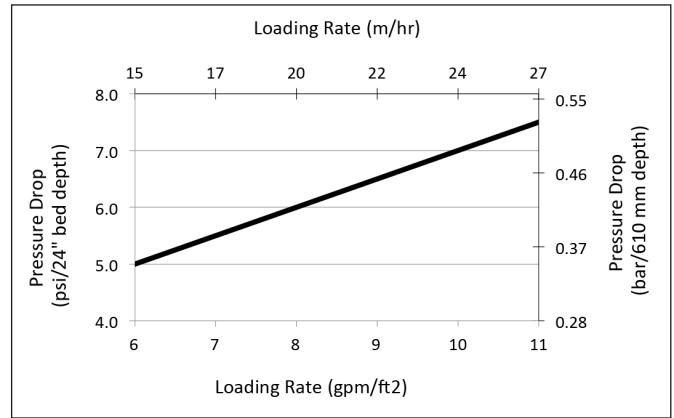
sales@wateropolis.com • 440-596-0325 • www.wateropolis.com

OPERATIONAL SPECIFICATIONS

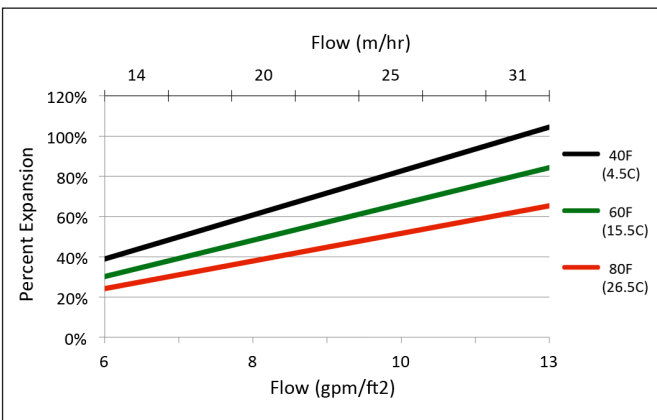
Ceraflow-50 Forward Flow



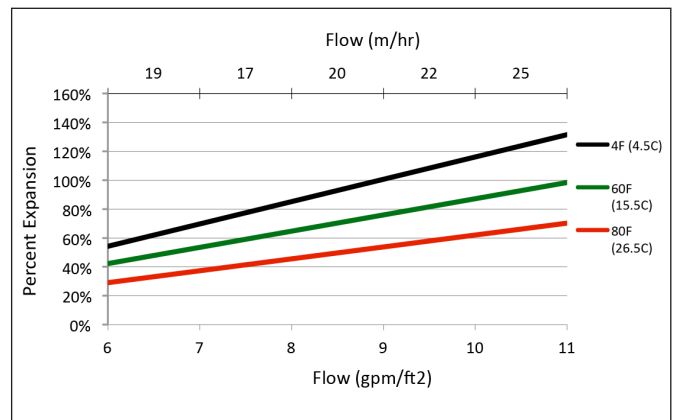
Ceraflow-70 Forward Flow



Ceraflow-50 Backwash Expansion



Ceraflow-70 Backwash Expansion



Additional Technical Data

- Moh's hardness 7.0
- Sphericity 0.96
- Surface area 1 micron to 150 microns: 9677 ft²/ft³ (31,748 m²/m³)

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.