

Quality

filtration

Expertise



To achieve good quality drinking water, different types of treatment are used, based on the quality of the raw water. For many of these treatment processes CAPRICANS™ Filtralite is an excellent filter media.



FILTRALITE PROPERTIES

Filtralite filter media is made by burning of clay at about 1200° C, followed by crushing and sieving. The material has a porous structure and when crushed, a large surface area is exposed. Dry particle densities in the range 500-1,600 kg/m³ and aggregate sizes in the range 0-20 mm, can be tailor-made to the specific application. The aggregates do not release harmful substances, and the acid solubility is minimal. Despite its low density and high porosity, Filtralite has high abrasion and impact resistance.

FILTRALITE QUALITIES

Three main types of Filtralite are available, with three different densities. For drinking water applications crushed material is used. This gives angular grains and allows the porous core to be exposed to the water.

CAPRICANS TANK

- For residential and light commercial water softener/filtration applications.
- These slim-diameter tanks offer unmatched strength and chemical resistance.
- Less than 10" tanks with ABS liner and 12"-18" tanks with PE liner.

TANK MATERIAL

- A3S/PE liner
- Continuous strands of fiberglass with high strength resin.

OPERATION REQUIREMENT

- Operation pressure < 100 PSI
- Operation temperature < 120°F
- Vacuum < 127mmHg (5"Hg)

TANK FEATURES

- Chemical resistance
- Smooth, fiber-free mearsurface
- Completely rust and corrosion free
- Excellent resistance to impact and abrasion
- Lightweight, easy fortransportation and installation



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REVOLUTION IN WATER TREATMENT TECHNOLOGY

