

## What is Sediment Filtration?

The water in your home can contain dirt, grime, sand, rust particles, mud and many other substances that make it unfit —or even dangerous— to drink.

### What can you do?

Keystone Filter offers a wide choice of filter models depending on how small the particles are that you want to remove from your water. The finer the filter cartridge material, the more completely will solid particles be removed from the water. Finer filtration also causes a greater resistance to flow which will result in a drop in water pressure. The correct filter for you will provide a large filtering surface and will allow an adequate flow of filtered water to reach your faucet, shower or other point-of-use.

The amount of filter area is a key factor in ensuring proper flow rates as well as total filtering capacity. We will be happy to help you select the best choice for your specific filtration need.

All of Keystone Filter's most popular models are sold as complete units including a housing with a pleated cartridge inside. We recommend pleated cartridges for sediment removal because they provide much more dirt holding capacity than other models.

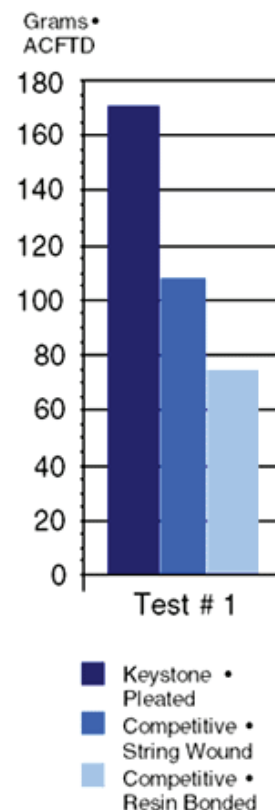
Test data for a typical Keystone pleated sediment filter is shown in the chart to the right and specifications for all models are included throughout this website.

If you require more capacity than this line of filters can provide or have a water filtration problem in addition to, or other than, sediment, please see the other sections in this website or call 1-888-822-1963, 24 hours a day, for help with your specific need. Our extensive line of filters is bound to include a unit that will solve your problem.

Filter changeout is dependent on the amount of dirt in your water and your water usage. A change in your water flow is the best indicator that your filter cartridge needs to be changed. We also offer our filters with a color-coded pressure gauge to let you know when it is time to replace your cartridge. Sediment filter cartridges should be changed at least once a year under normal conditions.

Filters can be purchased with wall bracket and/ or bowl wrench as accessories.

**Holding Capacity in  
AC Fine Test Dust (Dirt)**



## Glossary

**Depth Filter Cartridge:** A non-pleated filter whose effectiveness is based on the formation of a "cake" or multiple layers of dirt. As dirt builds a "cake", depth filters become more effective.

**Micron:** A linear measure equal to one millionth of a meter or 25,000th of an inch. The smallest particle that can be seen by the human eye is 40 microns. Human hair is 50-75 microns.

**Pleated Filter Cartridge:** Media has the appearance of a paper fan with multiple folds. Effectiveness is based on amount of surface area.

**Point-of Entry:** Point at which the water supply enters a house/facility — most often the basement of a home.

**Point-of-Use:** Refers to actual location where water is used — usually kitchen or bathroom faucet

**Potable Water:** Water which is safe for human consumption.

**Resin Bonded Cartridge:** A depth cartridge constructed of a drinking water resin.

**String Wound Cartridge:** Constructed by wrapping layers of string or yarn around a center tube. Effectiveness is based on the number of layers and weight of string.