

Specifically, our SMF 600+ is a proven technology tested by a 3rd party laboratory that:

- Reduces lead levels from 500 ppb influent to 1 ppb effluent using nano fibers and not ion exchange like most filters.
- Has low pressure drops and can last through thousands of gallons.
- Reduces lead in the presence of 300 ppb of TTHM 99.99%
- Reduces particles 0.1 –80 micron 99.999% with a capacity of 476 grams (average certified filters hold a maximum of 7 grams)



APPLICATIONS

Function:

Under the Sink Filtration

PERFORMANCE

<u>Parameters Tested and Certified by the Certifier</u>	<u>Result (Gal/gpm)</u>	<u>% reduction</u>
Cyst	*/5	99.99
Chloramine Reduction	10,000/2	98.7
PFOS/PFOA	3,000/5	99.99
Particle reduction (NSF class 1)	*/5	99
<u>Parameters tested by 3rd party laboratory</u>		
Lead reduction pH 6.5-8.5: 500 ppb to <10ppb	1,000/1	99.9
Lead reduction pH 8.5: 1000 ppb to <10ppb	1,000/1	99.99
Lead reduction pH 8.5: 2000 ppb to <6ppb	1,000/1	99.99
VOC reduction: 300 ppb to <15 ppb	1,000/1	99.9
Chlorine reduction of 10 ppm	50,000/5	99.9
<u>Parameters tested by Selecto R&D laboratory</u>		
Dirt-loading capacity	470 gram/5gpm	
Alum particles, 10,000 particles	*/5	99.99
Bacteria reduction (E. coli), 1,000 cfu/mL	*/5	99.9999

TECHNOLOGY

Filter Housing:	Polypropylene
Cartridge Housing:	Reinforced Nylon
Media:	Hollow Carbon

*mechanical reduction does not have a gallonage reduction number.

Selecto SMF nano technology VS certified carbon blocks

OUR WATER SUPPLY

Chlorine
Ammonia
VOC
TTHM
Pesticides
Herbicides

Water picks up lead on the way to your home.

Pb
Lead

Carbon block filters **INEFFECTIVE**.

Water leaving the Selecto SMF filter reduces lead from 2000 ppb to 6.5 ppb while maintaining the *same flow rate* from start to finish.

Pb
Lead

Selecto filters **EFFECTIVE!**

Extensive testing in Selecto R&D laboratory reveals that many certified filters on the market will remove only a fraction of the impurities they claim. Why is this? It's because filters are rated using pure water synthesized in a lab. In the real world, water contains a lot of other "stuff". For example, the reaction of chlorine and organics form byproducts called trihalomethanes (THM's). In the presence of THM's, many filters perform at only a fraction of their certified capacity. In other words, your filter might not be removing everything that you think. Never fear though, the solution is a more technologically advanced filter, one whose effectiveness is not affected by all of that other stuff!!! With a Selecto filter you can be confident that even in the presence of high THM levels and 2,000 ppb of lead, Selecto filters will reduce lead by 99.9% compared to 50% or less for the other brands.

