

Effective against heavy metals

Heavy metals can also be absorbed through the skin and not only as contaminants in food or drinking water. The embedded Heavy metals in our body are the source of a variety of chronic diseases and might attack the nervous system or disturb cellular activities.

The graphic on the left shows the effect of the shower filter by the example of lead. Nearly 100% of this heavy metal is being removed from the water. The main reason for lead in the water are plumbing made out of lead. Even in countries where it is forbidden to use water pipes made out of lead in new buildings there might be some older buildings with this problem.

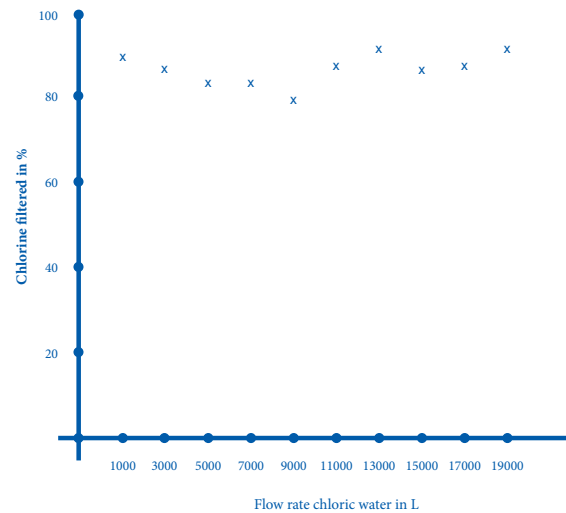
Lab test result: Heavy metal and lead removal in water filter device with KDF Process Media (One Systematix 9-3/4" filter cartridge); Influent water concentration: 0.16-0.17mg/l; Effluent water: <0.01mg/l

Source: www.kdfft.com

Effective against chloride

The water supplies often use chloride to disinfect the water and avoid any growth of bacteria. But chlorine may dry out your skin and hair and shows harmful long term effects on the body. Besides this, the chloride vaporizes once you use hot water and trihalomethans (THM's) are built which are hazardous to our body if inhaled.

The Filopur Equator shower filter reliably reduces chlorine with a high efficiency of 80% and more. The chlorine is transformed into harmless chloride. The diagram besides shows that even after 19'000 liters of water still 80% of the chlorine is removed.



Lab test results for chlorine removal in hot water shower filter with KDF Process Media (Sprite Industries) with KDF® 55 filter media; 510g filter media; April 1990

Source: www.kdfft.com

Scale gets more water soluble

Hard water leads to scale build up on the fittings and tiles in the shower. These deposits are the base for further dirtying of the shower with the result of an uncomfortable experience taking a shower in the own home. Hard water also leads to an increase usage of shampoo and shower gel which is one of the reasons for dry skin and hair.

The pictures clearly show a significant difference of the scale deposits on the plastic boards. The Filopur shower filter changes the lime into a more water soluble type called "Aragonite" so it is washed away more easily.



Left tile in use without shower filter, Right tile in use with shower filter

Source: 3 weeks home-use-test in Switzerland