

## Filter Cartridge Cleaning & Storage

The TC, Watertec & Graver PES cartridges can be stored for later use if the cartridge hasn't clogged during a filtration.

To clean, run fresh clean water through your filtering system. Flush for 5-10 minutes. Then, make a solution of citric acid/ potassium metabisulfite solution (same formula as described below). Cycle your filter unit for 10-20 minutes with this sterilizer solution.

**Do not back-flush the filters. If you do, you may be destructing the micron rating.**

To store a filter cartridge, immerse it in a citric/sulfite solution ( $\frac{1}{2}$  tsp citric acid and  $\frac{1}{2}$  Tbsp potassium metabisulfite per gallon of cold water) or 40% alcohol solution, removing the O-rings or gasket seals before storing. It is possible to hold cartridges in this manner for a year or more, but you may need to replace the solution every few months to ensure that it is still effective at maintaining sterility. Storage tubes are available from PIWC in which to store cartridges.

When you are ready to use your filter again, flush similarly, with a fresh solution of sterilizer for several minutes before moving into your batch of wine. The first bottle or two of wine coming out of the filter may be discarded as it will be strongly diluted with sterilizer.



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