



## What is the pressure rating of MicroSolv headspace vials and caps - FAQ

Headspace vials are designed to withstand a small amount of internal pressure, therefore all MicroSolv brand headspace vials have a wall thickness of 1.2mm for added safety, thus it is assured that the vial will not burst.

Contrary to popular belief, the seal and not the vial represents the weakest part of the entire system. Under pressure the septa will bulge against the aluminum cap with such a force that the cap is torn apart. It has been reported the some of our vials with a pressure relief cap system will hold up to 10 **bar** but most caps will break up at 10 bars with no pressure relief system in place.

Printed from the Chrom Resource Center

**MicroSolv Technology Corporation**

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)

Date: 07-22-2024