



## The pH range of PEEK laboratory tubing and fittings- Tech Information

**According to some manufacturers of PEEK, the useful pH range of PEEK tubing and fittings for HPLC is 2 - 14 for use with HPLC solvents and buffers.**

However, I would be very careful with pH 0 to 6 for long term exposure. PEEK is manufactured using phosphoric acid and some of the granulate may even still contain this acid, meaning that this acid should be a strong reagent for PEEK.

I suggest a higher pH as starting point for solutions with medium to high ionic strength for long term exposure.

Click [HERE](#) for PEEK laboratory tubing ordering information

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: 05-07-2024