



What inside diameter ID of standard tubing is most suitable for HPLC mobile phase - FAQ

There really is no standard size and this is truly a preference to meet your method objectives.

For HPLC, on the high pressure side, 1/16th inch outer diameter OD is most commonly used. The low pressure side of the HPLC instrument mostly uses either the 1/16th inch or 1/8th inch OD depending on where you want to put the tubing on the instrument.

Depending on your column internal diameter (ID), your flow rate you want to use, your pump and detector capability, you can select from the following ID: 0.005", 0.007", 0.010" or 0.020". The most commonly used ID is 0.007" for modern HPLC instruments with standard 4.6mm or 3.0mm ID columns.

Click [HERE](#) for HPLC tubing ordering information and pictures

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

Website: www.mtc-usa.com

Date: 07-03-2024