



## What are the maximum pressure specifications for All PEEK column hardware – FAQ

Our ARE™ brand All-PEEK column hardware can be used with short-term packing pressures up to a maximum of 500 **bar** (see our suggested packing [protocol](#)).

250 bar is the maximum for 2.1 mm and 7.2 mm ID columns and reservoirs and 350 **bar** for 4.6 mm ID columns under normal long-term use or operating conditions.

*NOTE: You can use the columns at temperatures up to 150–200 °C, but the maximum recommended operating pressure will be lower at elevated temperatures. In this temperature range, we recommend not exceeding 50–75 **bar**.*

*NOTE 2: It is reported that using PEEK at elevated temperatures for any extended period of time could permanently alter PEEK material making it less stable. Caution is recommended.*

*Also please note to use only solvents which are PEEK-compatible (i.e. will not extract or soften PEEK).*

[PEEK Column Hardware Ordering Information](#)

Printed from the Chrom Resource Center

Copyright 2024, All Rights Apply

**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)