

What Are the Maximum Pressure Specifications for PEEK Column Hardware - FAQ

Our ARE-Applied Research Brand™ of PEEK HPLC 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](#)

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