

## What Is the Maximum Recommended Operating Temperature for PEEK HPLC Column Hardware - FAQ

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The maximum recommended operating temperature for ARE-Applied Research brand of All-PEEK Column Hardware sets similar to [49334-05](#), is approximately **200 °C**. However, actual safe operating limits may be lower depending on the application.

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**Note:** Users should exercise additional caution and account for the chemical and physical properties of the mobile phase, particularly when it contains volatile or flammable solvents as elevated temperatures can increase vapor pressure, accelerate solvent evaporation, and potentially create hazardous conditions within the column. It is important to note that the **combined effects of elevated temperature and pressure** can pose greater risks than temperature alone, and should be carefully evaluated during use.

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