

Headspace Septa Temperature Performance Specifications - HPLC Primer

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The table below outlines the recommended operational temperature ranges for various Headspace cap septa materials. These specifications are intended to guide optimal performance in Headspace GC applications.

 **Note:** These values represent the recommended temperature limits for septa materials only. They do **not** indicate the overall safety limits of the complete Headspace system (including vial, cap, septa, and gas composition).

Material	Recommended Temperature Range (°C)
Silicone/PTFE (fully laminated)	-60 to 200
Butyl/PTFE (fully laminated)	-40 to 120
Butyl	-40 to 120
Pharma-Fix (Butyl/PTFE)	-40 to 120
Silicone/Aluminum Foil	-60 to 220

For detailed product images and ordering information, click [HERE](#).