

Which industries use PEEK materials?

PEEK materials have properties that attract industries like [aerospace](#), automotive, electronics, energy, [medical](#), and [semiconductors](#).

Within the aerospace industry, PEEK is replacing metals in a number of aircraft parts. Cutting PEEK sheets using UV laser can be very beneficial because aircrafts require parts with [tight tolerances](#).

Healthcare is another demanding industry that PEEK materials meet its requirements. PEEK laser cutting produces precision parts that are an excellent fit for healthcare requirements including wear and heat-, electrical-, and chemical-resistance.

Laser cutting for PEEK projects: Expertise from the A-Laser Engineers

Laser cutting PEEK can improve both quality and efficiency. When customers ask to cut PEEK sheets, lasers provide the best software-controlled beam quality and give the engineers designing the drawing the freedom to request tight tolerances and precise cuts.

A-Laser [engineers](#) evaluate the project materials and recommend the best system to process them. Then, we work with our customers to develop faster and more efficient processes.

Our engineering team has also developed a process to cut PEEK tubes, in addition to PEEK sheets. There is a lot of science behind developing the process to cut very precise PEEK tubes. A-Laser's engineering team walks customers through solving challenges when it comes to cutting PEEK materials.

A-Laser experience allows us to quote fast, turn around orders very quickly, and handle large production volume.

Our engineering team allows us to deliver incredible quality, and that's especially true when we're processing PEEK sheets. We can recommend the best solution, do the adjustment in the CAD files, and program the laser tooling for the best results. It's what sets A-Laser apart.

[PEEK for Laser Cutting - A-Laser Precision Laser Cutting](#)

[A-Laser Precision Laser Cutting - Laser Ablation, UV and IR Lasers](#)