

Laser Cut PEEK

Polyether ether ketone (PEEK) is a semicrystalline thermoplastic with excellent mechanical and chemical resistance properties, retained through very high temperatures, and used widely in the Aerospace, Medical, and Battery production industries.

SHIM

Due to its light weight, and excellent mechanical and chemical resistance properties, PEEK is often used in place of metal for shims and spacers. It is very resistant to wear and offers flexibility.

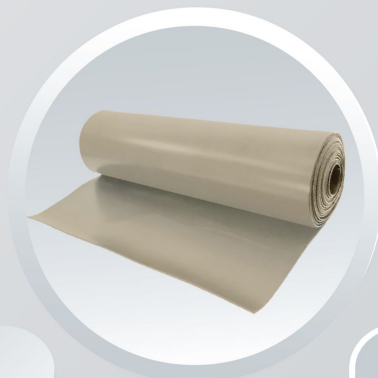
MEDICAL IMPLANTS & CATHETERS

PEEK has high chemical inertness, low moisture absorption, as well as a flexible and durable nature, leading to PEEK being widely used in medical/pharmaceutical applications.



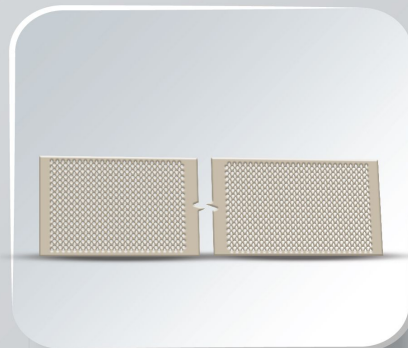
GASKET

PEEK's ease of laser cutting and machining makes this material an excellent choice for specialized applications requiring gaskets able to withstand harsh operating environments.



BATTERY SEPARATOR

When working with Lithium-Ion Batteries, separators are crucial in maintaining good ionic flow and preventing short circuits. PEEK has become a leading choice of separator material.



BELT FILTERS

PEEK's ability to withstand higher temperatures makes it a suitable choice for filtering applications where chemicals, pharmaceuticals, or food needs to be ran through filters to dry.