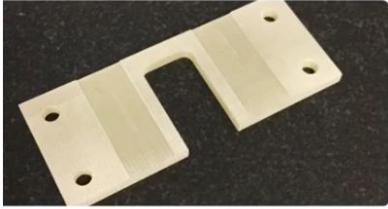


POPULAR MATERIALS USED FOR CNC PLASTIC MACHINING

At Brogan & Patrick Mfg. Corp., we not only machine these plastic materials, but also ensure that their strength and durability is enhanced so that they can serve your applications in a better way.

[Quote Now!](#)

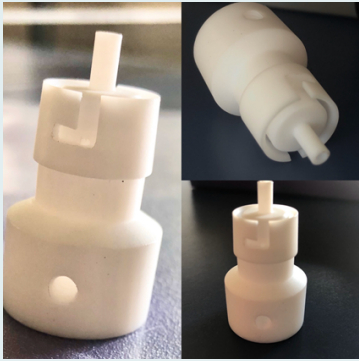


G10/FR4

High-pressure industrial laminates G10 and FR4 are created from glass fabric impregnated with epoxy resin. It is used in PCBs, insulators etc.

PEEK

PEEK is one of the best high-performance material. PEEK can maintain extremely tight bearings, washer parts etc.



Teflon® PTFE

Teflon® (PTFE) is a high-performance material that has a low coefficient of friction combined with fantastic wear resistance. It is great for sealing application.

Delrin®

The chemical name of this compound is polyoxymethylene. It has impeccable stability in terms of dimensions, very low friction rate, and immense stiffness. That's why it is used in aerospace, automobile.

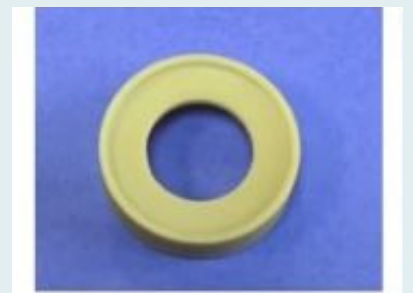


Nylon

Nylon is a stronger material and can withstand temperature extremes, and is cost-efficient than several plastic variants, used in gaskets, gears etc.

Ultem

Ultem® plastic is a high strength polyetherimide compound that can resist chemicals, heat, moisture, and solvents. Mostly used at high temperature like Semiconductor components



Torlon®

Torlon® is an amorphous engineering thermoplastic, which is non-crystalline and is produced during the reaction between an aromatic diamine and trimellitic anhydride. It is used in agriculture and aerospace sector