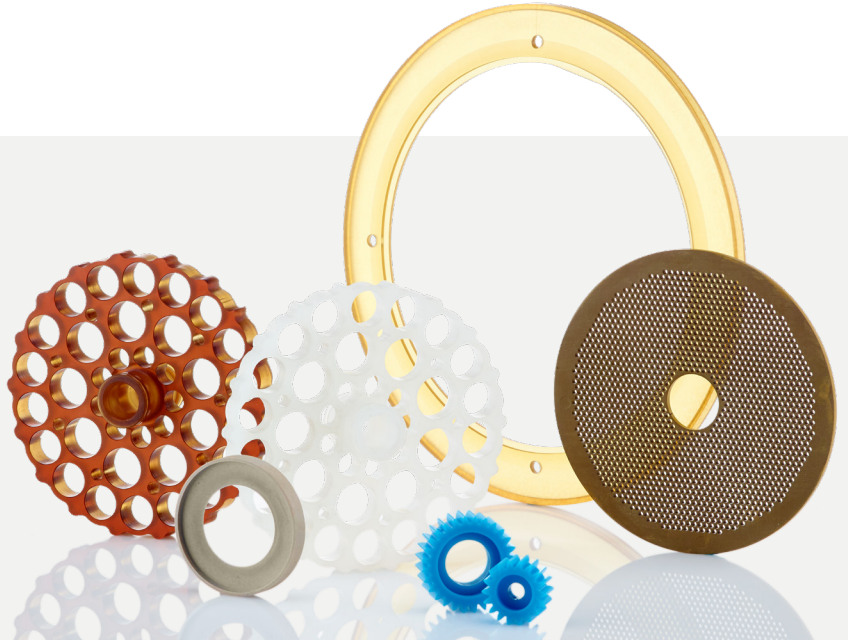


MACHINED COMPONENTS



CONCEPT TO COMPONENT MANUFACTURING

Afton Plastics processes high performance thermoplastics into semi-finished articles for customization in our state-of-the-art machining and fabrication center. We are vertically integrated to streamline the manufacturing process from concept to component. Our specialization in high precision, tight tolerance custom components allows for utilization in the most demanding applications. In addition, we partner with reputable polymer manufacturers to offer a vast portfolio of high performance materials to meet your component requirements.

MATERIALS SELECTION, COMPONENT DESIGN & CUSTOMER SERVICE

Our material specialists will assist in material selection for your application and optimize the design for repeatable, cost-consistent manufacturing.

Our Quality Management System ensures compliant manufacturing techniques are practiced in our facilities to assure components are delivered within the required specifications.

At Afton, our dedicated and knowledgeable team provides unparalleled customer service. We specialize in quick response times, straight forward answers, and a friendly approach.

CONTACT US

Address:

9701 Penn Avenue S. | Suite 107
Bloomington, MN 55431

Toll Free:

1 (800) 344-7499

Fax:

1 (952) 881-6565

Website:

www.aftonplastics.com



CAPABILITIES & SERVICES

MACHINING CAPABILITIES

CNC Laser Cutting up to 4' x 4' | Precision Cutting | Lathes
Mills | Screw Machines | Overhead Routers up to a 7' x 12' bed

FABRICATION

Tapping | Hot Air Welding | Forming | Cutting | Drilling

OTHER SERVICES

Drafting | 3D Printing | Part-Annealing | Clean Room
Deburring | Assembly | Advanced Inspection Equipment

HIGH PERFORMANCE/ENGINEERED POLYMERS

PCTFE

Polychlorotrifluoroethylene
Afton Supplied

ETFE

Ethylene tetrafluoroethylene
Afton Supplied

PVDF

Polyvinylidene fluoride

ECTFE

Ethylene chlorotrifluoroethylene

PTFE

Polytetrafluoroethylene

PBI

Polybenzimidazole

PEEK

Polyether ether ketone
Afton Supplied

PFA

Perfluoroalkoxy
Afton Supplied

PES

Polysulfone

PSU

Polysulfone

PPS

Polyphenylene sulfide

PAI

Polyamide-imides

PEI

Polyetherimide
Afton Supplied

PET

Polyethylene terephthalate

PPO

Poly(p-phenylene oxide)

PE

Polyethylene

PP

Polypropylene

PVC

Polyvinyl chloride

FEP

Fluorinated ethylene propylene
Afton Supplied

PC

Polycarbonate

PBT

Polybutylene terephthalate

POM (Acetal)

Polyoxymethylene

PA (Nylon)

Polyamide

PI

Polyimide

Additional polymers, static dissipative and other filled materials available.

MARKETS



SEMI-CONDUCTOR



LIFE SCIENCES



DEFENSE



MEDICAL



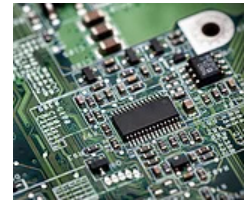
AEROSPACE



CHEMICAL PROCESSING



FLUID HANDLING



ELECTRONICS

