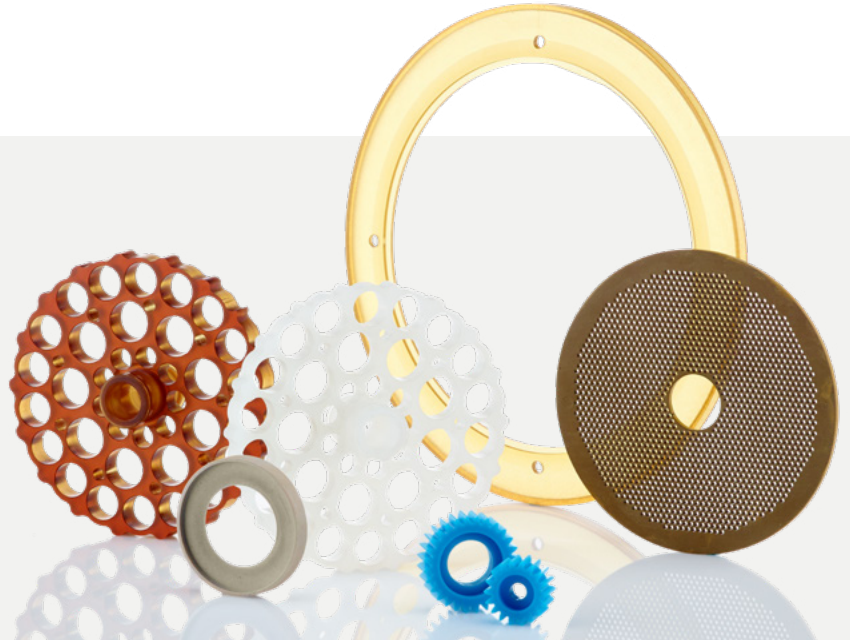


## MACHINED COMPONENTS



### 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](http://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



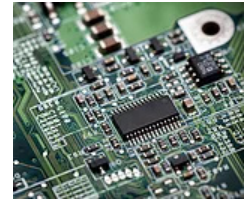
AEROSPACE



CHEMICAL PROCESSING



FLUID HANDLING



ELECTRONICS

