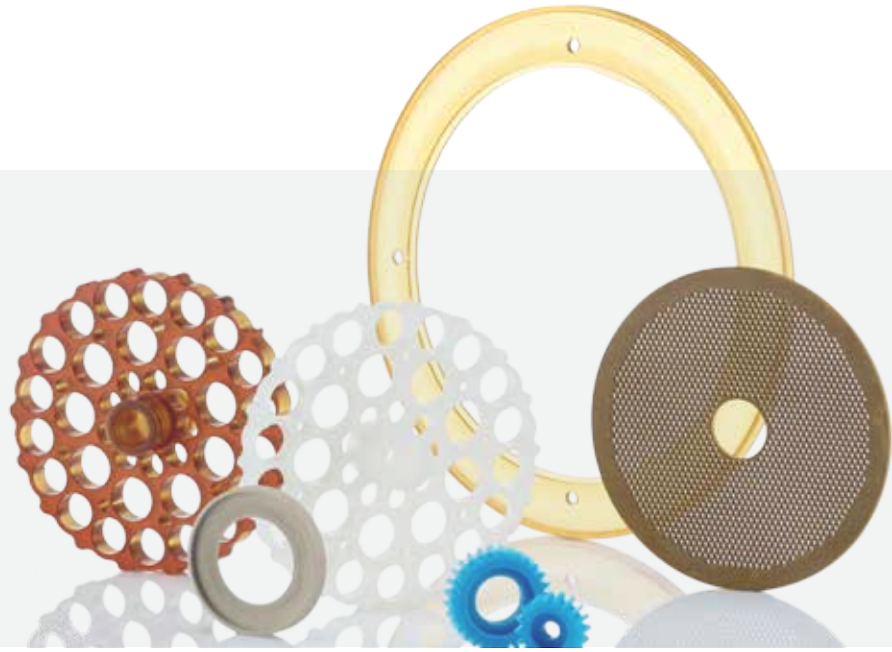


MACHINED COMPONENTS



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.

CAPABILITIES & SERVICES

MATERIAL PROCESSING METHODS

Extrusion
Compression Molding

MACHINING CAPABILITIES

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

FABRICATION

Cutting
Forming
Drilling
Tapping
Hot Air Welding

OTHER SERVICES

3D Printing
Annealing
Clean Room
Assembly
Deburring
Advanced Inspection Equipment

HIGH PERFORMANCE MATERIALS MANUFACTURED AT AFTON

PCTFE



Daikin Neoflon®

PFA



Teflon™ | Chemours
Daikin Neoflon®

FEP



Teflon™ | Chemours
Daikin Neoflon®

ETFE



Tefzel™ | Chemours

PEI



SABIC & LNP™
Blends

PEEK



Victrex®
Virgin & Blends

HIGH PERFORMANCE/ENGINEERED POLYMERS

- PTFE
- PVDF
- ECTFE
- PBI
- PES
- PSU
- PPS
- PAI
- PI
- Acetal
- PET
- PPO
- Nylon
- PE
- PP
- PVC
- PC
- PBT

*Additional polymers, static dissipative and other filled materials available.

MARKETS

SEMI-CONDUCTOR

AEROSPACE

LIFE SCIENCES

CHEMICAL PROCESSING

CRYOGENICS

DEFENSE

FLUID HANDLING

ELECTRONICS

ALTERNATIVE ENERGY

MEDICAL

