

## Real solutions.

# Real firearms and sporting goods choice.

Stringent dimensional, chemical, and mechanical requirements of the shooting sports industry call for products that go beyond expectations. Our portfolio of engineering and specialty thermoplastics is well suited to meet the needs of demanding firearm components and auxiliary equipment applications.



## Take aim at innovation

At Chase Plastics, we understand that not every material can meet the requirements of dimensional stability, chemical resistance to gun cleaners, thermal resistance, wear and friction, stiffness, and impact needed to make high performance firearms and accompanying equipment. As a result, we have partnered with the world's top manufacturers to provide polymers that can excel under the harshest conditions.

### Firearm solutions

- Traditional stocks
- Butt stocks
- Pistol grips
- Magazine housings
- Floor plates
- Magazine followers
- Handguards
- Forestocks
- Recoil pads
- Picatinny rails
- Pistol frames
- Trigger guards



## Plastics in firearms

Using plastics for firearms instead of metal allow for advantages including:



### Lightweighting

Handguns with steel frame construction can see up to a 40% reduction in weight moving to a polyamide frame



### Greater design and aesthetic freedom

In-mold textures for components like grips, pre-color, and masterbatch colorant options to achieve market-specific MIL-Spec colors, like flat dark earth (FDE), olive drab, and desert tan



### Corrosion resistance

An inherent property of plastics



### Reduced recoil

Improving ease of use of the firearm



### Serviceability

Easier and more cost-effective to replace plastic components of firearms vs. metal



### Cost reduction

Overall production cost of plastics is lower with fewer costly secondary operations vs. metal

## Shooting sport solutions

- Targets
- Optics, scopes, sights
- Crossbows
- Gun holsters
- Helmets
- Protective eye and ear gear
- Suppressors
- Radar guns
- Gun and ammunition storage



## Service that hits the mark

With the support of our development engineering staff, Chase Plastics' technical sales force is determined to understand your needs and provide material performance that matches the challenges of nature. Chase Plastics aspires to provide solutions and be your trusted partner for material selection and problem solving expertise, and your solution provider. Through extensive insight, our depth and breadth of resources, and our outrageous level of service, we're driven to find the best solutions for you.

Contact us to learn more about the value of a Chase Plastics partnership.



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