

# Real solutions.

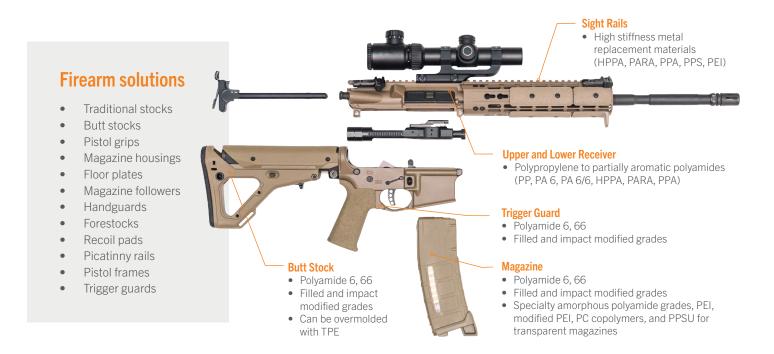
Real firearms and sporting goods choice.

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.



### **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 marketspecific 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**

- Optics, scopes, sights

- Protective eye and ear gear
- Suppressors
- Radar guns
- Gun and ammunition storage



#### Service that hits the mark

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



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