



# Specialty Markets Solutions

Alliance Precision Plastics serves a diverse range of industries with innovative molding solutions. Our adaptable expertise allows us to meet specialized needs across a variety of markets.

## *Precision and Quality*

### **Your Trusted Partner for Specialty Markets Components**

As a plastic injection molder, Alliance Precision Plastics is in the unique position to serve a broad cross section of industries. We pride ourselves on the diverse nature of our business and how many specialty applications we serve for some of the world's most respected brands.

- Appliance
- Consumer Products
- Material Handling
- Automotive
- Home Decor
- Retail
- Business Machines
- Locomotive
- Sports and Recreation
- Construction

ISO 9001 Certified

Collaborative Team Approach

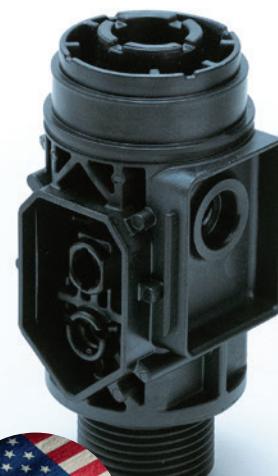
UL Listed

Experience You Can Trust

Engineered Grade Resin

***Working with Alliance is always a friendly and productive environment where we work together to get things done!"***

— CM



**Made in  
the USA**



# What we offer:

- **Services**

- **Engineering**

- Dedicated Project Engineer
- Resin Selection and Formulation
- Design For Manufacturing (DFM)
- Injection Mold Tooling Design
- Mold Flow Analysis
- Plastic Part Design Assistance

- **Tooling**

- Full service toolroom
- CNC Mills
- CNC Lathe
- Conventional RAM and Wire EDM
- Dedicated Mold Maintenance and Repair
- Global Tooling Solutions
- Comprehensive Preventative Maintenance Programs
- Tool Transfers and Optimization

- **Molding**

- 83 Injection Molding Machines in Eastern US
- Injection Molding From 28 – 900 ton
- Shot Sizes .25 oz – 146 oz
- Insert Molding
- Horizontal and Vertical Molding
- 2 Shot Molding and Over Molding
- In Line Automation / Robotics
- Class 8 (100,000) Clean Room
- Real Time Production Monitoring

- **Assembly**

- Simple to Complex Assemblies
- Decorating – Pad Printing / Hot Stamping
- Heat Stake Inserting
- Vibration Welding
- Ultrasonic Welding / Inserting
- Gluing/Bonding
- Precision Post-Mold CNC Machining

- **Technology**

- IQMS Enterprise IQ ERP
- Siemens NX CAD/CAM
- SolidWorks CAD
- Mastercam CAM
- AutoDesk Mold Flow

- **Quality**

- Dedicated Quality Engineer
- Formal Product Realization Process
- PPAP – Production Part Approval Process
- IQ/OQ/PQ – Process Validation
- FMEA - Failure Mode and Effects Analysis
- DOE - Design of Experiments
- Programmable CMM and Vision Inspection

## Contact Us Today

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New York (Corporate Headquarters): ISO 9001, ISO 13485, UL Listed, and FDA Registered | North Carolina Facility: ISO 9001 and UL Listed