

5 WAYS TO USE PLASTIC INJECTION MOLDING ITEMS EFFECTIVELY



MILITARY APPLICATIONS: BETTER OFFENSE AND DEFENSE

Uses of Plastic Injection Molding for Military Equipment:

- Improve stealth and visibility
- Improve mobility
- Improve equipment
- Provide light protective gear
- Protect vehicles from damage



Military Equipment:



Helmet



Goggles/
Visors



Military
Aircraft



Armor



Holsters

AUTOMOBILE APPLICATIONS: FUEL EFFICIENT VEHICLES

Uses of Plastic Injection Molding for Automobiles:

- Fuel Efficiency
- Provide lighter bodies
- Create complex and unique designs
- Provide light protective gear
- Minimize corrosion (rain and acid)



MEDICAL APPLICATIONS: AFFORDABLE STERILE PRODUCTS

Uses of Plastic Injection Molding in Medical Equipment:

- Add temperature, chemical, and corrosion resistance
- Withstand sterilization cycles
- Prevent infection and cross-contamination
- Add anti-microbial properties to surfaces
- Tamper-proof medicine bottles
- Lightweight and durable prosthetics



Medical Equipment:



Plastic pill
product



Medicine
bottles



Medicine
bottle cap



Prosthetics



Bedpans



IV tubes



Inhalation
tube

FOOD APPLICATIONS: SAFELY PACKAGED FOOD

Uses of Plastic Injection Molding for Food:

- Safe food packaging
- Create microwave safe containers
- Provide fast food utensils and containers
- Safe storage for food and beverage



FASHION APPLICATIONS: TOOLS, ACCESSORIES, AND PACKAGING

Uses of Plastic Injection Molding for Military Equipment:

- Create unique designs for packaging
- Prevent contamination of products
- Provide heat resistant styling tools
- Make intricate accessories



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