

Custom Plastic Injection Filters

Precision-Molded Filters for Every Industry

Materials Used:

- Polypropylene (PP): Excellent chemical resistance, lightweight, cost-effective
- Nylon (PA6, PA66): High strength, abrasion resistance, and temperature tolerance
- Polyethylene (PE): Flexible, moisture-resistant, suitable for low-pressure applications
- Polycarbonate (PC): High clarity, impact resistance, heat resistance
- Acrylonitrile Butadiene Styrene (ABS): Tough, rigid, and ideal for complex shapes
- Polyether ether ketone (PEEK): Premium material for high-heat and aggressive chemical environments
- Polysulfone (PSU): Excellent hydrolytic stability for repeated sterilization cycles
- TPE/TPU (Elastomers): Used in applications requiring flexible sealing or gaskets
- Glass-Filled Plastics: For added strength and dimensional stability

Industries Served:

- Medical Devices & Diagnostics: IV filters, blood filters, drug delivery systems, surgical instruments
- Automotive: Fuel system filters, air and oil filter housings, hydraulic filters
- Water Filtration & Treatment: Portable and residential water filters, membrane supports, flow restrictors
- Food & Beverage: Dairy, brewing, and beverage processing filters made from food-grade plastics
- Consumer Products: Vacuum cleaner filters, appliance filtration systems, small engine applications
- Industrial Equipment: Chemical processing, inkjet filtration, and fluid handling systems

Capabilities:

- Tight-tolerance molding for micron-level filtration components
- Insert molding and overmolding with mesh, screens, or media
- Custom tooling, prototyping, and high-volume production
- ISO-certified quality systems and traceability
- Post-mold assembly and ultrasonic welding available

Contact us today to request a quote or discuss your plastic injection filter application.