

CUSTOM MOLDING

RUBBER, SPONGE AND PLASTIC

CAPABILITIES

- Injection
- Compression
- Transfer
- Vacuum Molding/Forming
- Metal Insert Over-Molding
- 2 & 3 Shot Over-Molding
- 2 & 3 Color Over-Molding
- Insert Over-Molding
- Blow Molding
- Rotational (Roto) Molding
- Custom and Multi-Assemblies

MATERIALS

- Rubber
 - (NR) Natural Rubber
 - (EPDM) Ethylene-Propylene Diene-Monomer
 - Fluorocarbon, Viton
 - (NBR) Nitrile, Buna-N
 - (SBR) Styrene Butadiene
 - (CO, ECO) Epichlorohydrin
 - (CR) Chloroprene, Neoprene
 - (IIR) Butyl/Isobutylene Isoprene
 - (SI/FSI) Silicone/Fluorosilicone
- Plastic
 - PVC
 - Nylon
 - Acrylic
 - Acetal
 - Polyurethane
 - Polypropylene
 - Polycarbonate
 - (HIPS, PS) Polystyrene
 - (HDPE, LDPE, LLDPE) Polyethylene
 - (ABS) Acrylonitrile-Butadiene-Styrene
 - TPE, TPO, TPU, TPV, TPR
 - Teflon Filled Material
 - Glass Filled Material

APPLICATIONS

- Molded Gaskets & Seals
- Mud Flaps
- Floor Mats
- Boots
- Bushings
- Grommets
- Isolators & Fittings
- Bellows
- Baffles/Shields
- Pedal Pads
- Vibration Mounts
- O-rings
- Grips/Knobs
- Bumpers
- Body Molding Closeouts
- Rubber to Metal Bonding
- Molded Hoses/Tubing
- Diaphragms



GENERAL AREAS OF EXPERTISE

- Environmental Seals & Gaskets
- Electromechanical Subassemblies
- EMI Shielding
- RFI Absorption
- Dielectric Insulation
- Electric Conduction
- Static Dissipation
- OLED & LCD Gaskets & Tapes
- Lens Adhesives & Protection
- Wound Care Products
- Metal Stamping
- Multi-Color Graphic Overlays
- Molded Rubber
- Extruded Rubber
- Rubber & Silicone Hoses
- Heat Spreading
- Thermal Management
- Acoustic Damping & Insulation
- Vibration Damping
- Shock Absorption
- Cushioning
- Adhesive Systems
- Fastening Systems
- Extruded Plastic
- Electrical Insulators
- O-Rings



STANDARD MATERIALS

Include, but not limited to:

- EPDM
- Neoprene
- Silicone
- Nitrile
- Polyethylene
- Polyurethane
- Polypropylene
- Polyimide
- Polycarbonate
- Thermoplastic polyolefin
- Thermoplastic elastomer
- Thermoplastic vulcanizate
- Nylon
- Santoprene
- UHMW
- Cork
- Steel



In forms of:

- Open & Closed Cell Foam
- Coated and Conductive Fabrics
- Pressure Sensitive Adhesives
- Metal Foils, Plastic Films
- Sponge
- Plastic
- Dense Rubber



SERVICES

- Raw Material Expertise
- Rapid Quote Response and Prototyping
- Continual Support From Development to Production
- Excellent On-time Delivery
- Highest Quality Service



CERTIFICATIONS

- TS 16949
- ISO 9001
- ISO 13485
- ISO 14001
- RoHS Compliance
- UL Recognized
- ITAR
- AS 9100
- Quality Systems
 - APQP
 - PPAP
 - FMEA
 - SPC
 - MSA
 - GR&R

BOYD

CORPORATION