



As one of the Midwest's most reputable custom plastic component providers, Pereles Bros., Inc. offers a wide range of thermoplastic injection molding solutions using a broad range of materials to design complex, one-of-a-kind, Original Equipment Manufacturer (OEM) products. We offer a comprehensive portfolio of value-added services designed to improve customer ROI, in addition to the niche processes described below:

Insert Molding

Pereles Bros., Inc. brings design and tool building expertise to the insert molding process, including molding with metallic and non-metallic inserts. We use horizontal and vertical molding machines for manual or automated insert molding projects. Insert molding simplifies the assembly process and results in quality, finished plastic products while increasing the opportunity for cost reductions through the elimination of excess labor, equipment and inventory management expenses.

Two-Shot Molding

We've implemented a unique molding method that efficiently and consistently molds two colors, two materials, and allows for inserts to be molded in during a single press cycle. This process allows customers to design more complex plastic parts with a high level of accuracy, molded with a high level of repeatability. Two-shot molding results in reduced assembly and post-assembly steps and costs; advanced aesthetic design; increased product features and functionality; reduced cost for lower to mid-volume applications; and enhanced component quality.

Materials Used by Pereles Bros., Inc.

Below are several examples of the thermoplastic resins molded at Pereles Bros., Inc.

- Acetals
- PA-Polyamide (Nylon)
- PS-Polystyrene
- PP-Polypropylene
- TPE-Thermoplastic Elastomer
- HTN-High Temperature Nylon
- ABS-Acrylonitrile Butadiene Styrene
- PBT-Polybutylthlate (Polyester)
- PC-Polycarbonate
- PET-Polyethylene Terephthalate (Rynite)
- PC/ABS Blend (Makroblend)
- PPO-Polyphenylene Oxide (Noryl)
- PE-Polyethylenes
- TPV-Thermoplastic Vulcanite (Alcryn)

If you are interested in more information regarding material selection, please contact us at 414-463-1000 x118.

Why Pereles Bros., Inc.?

Pereles Bros., Inc., has proven to be an industry leader, offering a customer-focused approach to the design and development of specialized, one of a kind, Original Equipment Manufacturer products. Customers can expect quality plastic parts delivered on time; a dedicated focus on continuous improvement; a management team with extensive plastic product design, mold design and development experience, as well as an extensive knowledge of plastic processing for a variety of industries.

- ISO 9001:2000 Certified Manufacturer
- UL recognized molder
- FDA compliant resins
- PRO-E, AUTOCAD, SOLID WORKS and MOLD FLOW capabilities with active interfaces for both customer and tooling sources
- Technically modern and competitive facility with both vertical and horizontal machines and a broad range of press sizes ranging from 25 to 725 tons
- Value-added services provide a one-stop shop offering turn-key plastic products produced for final shipment
- Efficient turn-around from initial RFQ to final assembly

About Pereles Bros., Inc.

Pereles Bros., Inc., is one of the Midwest's strongest and most experienced contract manufacturers in the production of high-quality, precision injection molded products for a variety of industries. We offer our customers cost-efficient design and prototyping, material selection and technical assistance throughout the production process. In addition, we provide an array of value-added services designed to improve their ROI.

We are an ISO 9001:2000 Certified Manufacturer serving a broad range of industries including medical, foodservice, house wares, automotive, electrical, power tools, lawn & garden, and more.

Value-Added Services

- Pad Printing
- Sonic Welding
- Heat Staking
- Ultrasonic Assembly
- Value-Added Assembly
- Contract Manufacturing
- Sub/Final Assemblies
- Packaging/Fulfillment
- Dock-to-Stock Shipping Programs
- Special Inventory Programs
- KanBan/Pull Systems



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