Molding

Sealing, Insulating & Quieting the World

65+ Years of Experience & 23 Locations Worldwide

Alabama ▪ Arkansas ▪ Florida ▪ Georgia ▪ Iowa ▪ Indiana ▪ Kansas ▪ Kentucky
Tennessee ▪ Texas ▪ Mexicali ▪ Monterrey ▪ Nuevo Laredo ▪ San Luis Potosi ▪ Nanjing

Applications:

PSC aims to provide its customers with quality parts that can meet every specification. Molding gives us the opportunity to create extremely detailed custom pieces that can be utilized in many different markets.

Main Applications:

- Insulation
- Sealing
- Padding

Molded Automotive A/C Duct

Materials:

PSC can use a variety of materials in our molded applications. These high-quality materials have excellent acoustic and thermal properties. These materials include but are not limited to:

- XLPE
- EVA
- Nonwoven PET
- Polyurethane

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PSC Industries, Inc.

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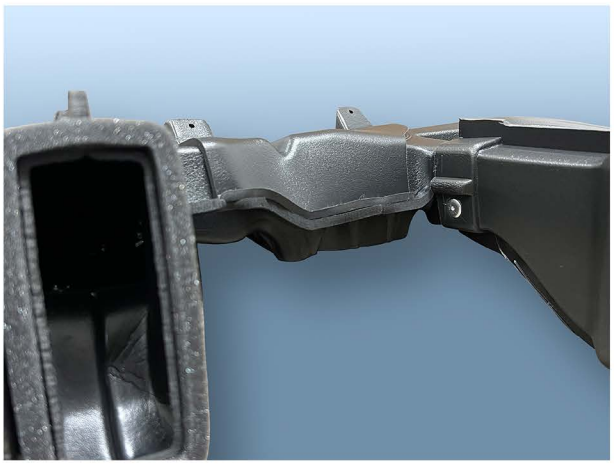
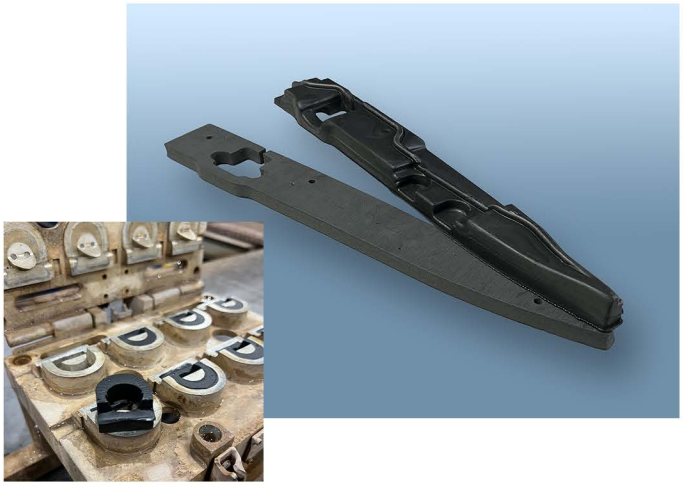
Thermoforming

There are two types of thermoforming: Vacuum Forming and Compression Molding. In Vacuum Forming, sheets of material are heated and pulled into the shape of their mold with a vacuum pressure. This allows the final product to be hollow, and is commonly used for vents and ducts. In Compression Molding, material is sandwiched between two molds and is formed by the pressure of the molds coming together.



Fusion Molding

Fusion Molding is the process of heating die cut foam components in a mold to produce detailed, three-dimensional parts.
This process is excellent for creating small, complex parts.



Reaction Injection Molding

Reaction Injection Molding (RIM) is the process of injecting polyol and isocyanate into a mold. The chemical reaction between the polyol and isocyanate creates polyurethane, a durable and temperature resistant material that works well for insulation. RIM is great for creating larger parts while maintaining a high level of detail.