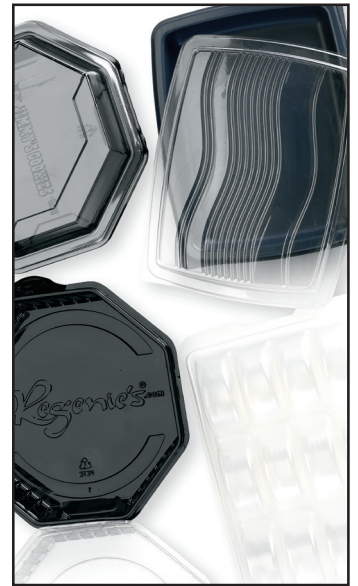




Supplying Custom
Thermoformed Packaging
for 45 Years

- Retail Clamshells
- Packaging Blisters
- Pick & Place Trays
- Medical Trays
- Shipping Trays

800.553.0120
www.universalplastics.com



General Specifications of Thin Gauge Thermoforming at Universal Plastics

Tooling:

Maximum mold size – Up to 30” wide

Maximum depth of draw – 4.00”

Maximum sheet thickness - .080”

Molds are temperature controlled aluminum. Trim is via a steel rule die.

Typical Tolerances: Forming - Part to Part: +/- .025” (Depending on the material)

Perimeter Die Cut: +/- .060”

Common Materials:

PVC: (Polyvinyl Chloride) Low cost, readily available in many different grades, clear.

HIPS (High Impact Polystyrene) Low cost, rigid, forms easily and available in many grades.

PET (Polyethylene Terephthalate) Commonly used in food packaging, good physical properties, FDA grades available. Cost effective, easy to process, water clear.

RPET (Reprocessed Polyethylene Terephthalate) Commonly used in food packaging, clear, lower cost, FDA Certification available.

PETG (Polyethylene Terephthalate Glycol) Excellent physical properties, ETO, GAMMA, and EB sterilizable, water clear. Medical Grade available.

HDPE (High Density Polyethylene) Excellent impact and chemical resistance, but dimensionally less stable. Opaque or Milky-white color.

ABS (Acrylonitrile Butadiene Styrene) Similar to HIPS but higher impact strength.

Other specialty materials available. Just ask us for guidance.

Typical Applications:

- Retail Clamshell Packaging
- Retail Tri-Fold Packaging
- Packaging Blisters
- Pick and Place Trays
- Material Handling Trays & Covers
- Shipping Trays
- Medical Packaging
- POP Displays
- Packaging Inserts

Design Service is Available:

If you need help with your design just let us know. Our experienced designers will be happy to work with you to design a part which meets your specific application.

Contact us:

Universal Plastics Corp.
75 Whiting Farms Rd. Holyoke, MA 01040

Ph: (800) 553-0120 Fax: (413) 592-6876 or info@universalplastics.com

For more information about us, visit www.universalplastics.com