

Misconception vs Reality

✗ Thermoforming is only good for simple shapes.

Pressure forming can create complex, contoured, and multi-depth geometries, including undercuts, draw angles, and textured surfaces.

✗ Thermoforming can't achieve tight tolerances.

Pressure forming can deliver high precision and is repeatable, often within ± 0.015 in.

✗ Thermoformed parts are flimsy or weak.

KYDEX® Thermoplastics exceed performance standards for drop, load-bearing, and disinfectant resistance and can pass most complex requirements.

✗ You can't get aesthetic consistency.

Thermoforming delivers high-end aesthetics with unlimited in-mold color options and harmonization when combined with KYDEX® Injection Molded resins.

✗ Thermoforming isn't sustainable.

Thermoformed KYDEX® Thermoplastics are made with domestically sourced ingredients and contain no plasticizers, making them 100% recyclable.



Advantages of Thermoforming



Ability to produce parts that fit together



Potentially lower MOQs and total cost of ownership



Tool design offers virtually unlimited texture and finish options



Single-sided molds allow for quick modifications at little cost



Low machine times lead to shorter lead times and quicker tooling creation



Tight tolerances and corners, seamless edges, and precise dimensions for complex parts

appLab™ designLab

Innovation centers services available to partners



Read about our thermoforming processes



100% Recyclable

- SEKISUI KYDEX materials can be recycled and reused, supporting closed-loop sustainability programs
- In-house recycling partner with zero SEKISUI KYDEX material waste going to landfill
- Over 20 million lbs of SEKISUI KYDEX material recycled every year



Read our Sustainability Promise

CONNECT WITH US



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