

PLASTICS SOLUTIONS

THIN-GAUGE THERMOFORMED

SUSTAINABLE PLASTIC PACKAGING



Trays

Nefab's thin-gauge thermoformed solutions include sustainable trays, clamshells, and cushioning made from high recycled content. Ideal for products that require clean, precision packaging, our solutions are highly customizable, protective, and engineered to meet specific product requirements and regulations.



Clamshells



Cushioning

Nefab's thermoformed solutions are available globally for various industries, including Lithium-ion Battery (LiB), Automotive, Electronics, Telecom, Datacom, Industrial automation, Healthcare, and the Aerospace segments.



HIGH RECYCLED CONTENT

- Made primarily from recycled plastics and 100% recyclable materials.
- Materials can be recycled up to 50 times, up to 10 times more than paper.
- Widely accepted in recycling streams creating a closed loop.



PROTECTIVE & CUSTOMIZABLE

- Highly customizable and protective thermoformed solutions.
- Tailor-made according to customers' needs.
- Designed, prototyped and tested in our ISTA-certified labs by our Global Engineering Network.



REDUCE CO2 & TOTAL COSTS

- Smart, sustainable plastic packaging applications that require less plastic material and less labor compared to foam and paper.
- A circular life-cycle provides an average CO2 equivalent savings of 60%*

*Compared to Virgin Materials

Reflex Cushioning

- Reflex® cushions made by Nefab, the industry leader in thermoformed cushioning solutions
- High product protection that outperforms foam while using 100% recycled plastic
- Highly nestable, which saves up to 85% of warehousing & logistics costs compared to fabricated PE foam
- ISTA-certified lab tests engineered to meet each product's shock protection requirements



Applications

- Desktop Computers, Laptops
- HDD's, SSD's
- Rack Mount Servers
- Modular Systems
- PCBA's
- Silicon Wafers & More

Desktop PC



HDD



Modular server



Packing Instructions



1

Prepare un-folded tray, clamshell, or cushion



2

Place product in solution



3

Fold hinged cushions or close clamshells if applicable



4

Place product & thermoform solution in box/shipping container

Technical Specifications

General Data	Metric	Imperial
Common Materials	PE, PS, PET, PVC, ABS	
Minimum Sheet Thickness*	0.3 mm	0.010"
Maximum Sheet Thickness*	2.7 mm	0.11"
Maximum Formidable Area**	965 mm x 1118 mm	0.38" x 44.00"
Maximum Height***	76 mm	3.00"
Average Batch Size	10,000 - 150,000 pcs	

*Dependent on material

**Dependent on height of part

***Dependent on intricacy and size of part, +/- 12.7mm (0.5")



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We save environmental and financial resources by optimizing supply chains. It's about innovating together to create smarter packaging and logistics solutions while always respecting people and ethical standards. This contributes to a better tomorrow for our customers, for society and for the environment.

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