



**BRIGTH IDEAS
TO MAXIMIZE PRODUCTIVITY**



**CALL US & SPEAK
DIRECTLY TO AN ENGINEER**

NEXT-GEN CUSTOM GROWING TRAYS THAT INTEGRATE WITH:



LIGHTING



IRRIGATION



TEMPERATURE STABILIZATION



SIZING



AUTOMATION

MANUFACTURING TECHNOLOGY TO HELP YOU GROW

Use Our Engineering Resources to Develop Better Growing Practices.

USE OUR MANUFACTURING TECHNOLOGY TO HELP YOU GROW

PolyFlex Products partners with growers to design, develop and manufacture technologies to increase production. Design and engineering take space, lighting, irrigation, automation, sizing, temperature stabilization and durability for reuse into consideration. Talk to our engineers.



THE LINK BETWEEN MANUFACTURING & FARMING

PolyFlex Products custom next-gen trays are designed with high dimensional stability to facilitate automated harvesting and are nestable and stackable to minimize and save valuable space when in transit or not in use.



Perfectly formed durable trays for perfectly formed crops.

WE ARE PROBLEM SOLVERS

By developing personalized solutions, our product development team and manufacturing expertise ensure the highest quality and value for our customers. We have a culture of continuous improvement and compliance across our four manufacturing facilities in North America.

Dedicated project managers follow the entire process from start to finish. Final products are washable, recyclable and reusable. Together we sustainably create products that improve the world.

Go to polyflexpro.com/circular-product-lifecycle/ to download our Lifecycle Case Study



MAXIMIZE PRODUCTIVITY & OUTGROW THE COMPETITION

Success in vertical farming demands precise control of environmental factors to produce crops consistently. PolyFlex Products helps growers meet these demands with proven high-strength, precision-manufactured, technologically advanced product design, manufacturing processes and polymers.



TURNKEY MANUFACTURING

From product design and material engineering to manufacturing and quality testing, we bring a turnkey solution to every project.



DESIGN



ENGINEERING



PROTOTYPING



TOOLING



MANUFACTURING

Solid Elastomer Urethane, Foamed Urethane, Thermoplastic Injection, Thermoforming

CIRCULAR PRODUCT LIFECYCLE

There is still value in residual, original and left-over material, even though processing has degraded it to the point where it is no longer viable for use in precision growing automation. Reclaiming the usable portion of the production material and recycling it to be used again in your facility can reduce material costs and have a significant positive impact on the environment.

These environmental impact savings include:

- Reduction of greenhouse gas emissions
- Reduction of electricity usage
- Reduction of petroleum
- Reduction of landfill waste



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PolyFlex
Products

ISO 9001-2015 Certified