



MEDICAL PACKAGING

PLACON[®]
Simply Better Packaging[™]

SIMPLY BETTER PACKAGING

Placon is a leading medical device packaging company in North America with experience manufacturing single and multiple use packaging systems for class I, II, and III medical devices. We help our customers navigate through complex packaging design and validation processes, getting new products to market quickly and cost-effectively.

Partner with us and get a turnkey solution for a wide range of sterile and non-sterile medical and pharmaceutical packaging systems.

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VISION

Be the first choice packaging partner for innovative design, collaboration, and sustainability.

MISSION

To fuel the heart and mind of the engineer to create packaging that simply works better.

CONTACT US

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MEDICAL PACKAGING EXPERTS

100% MEDICAL PACKAGING FOCUS

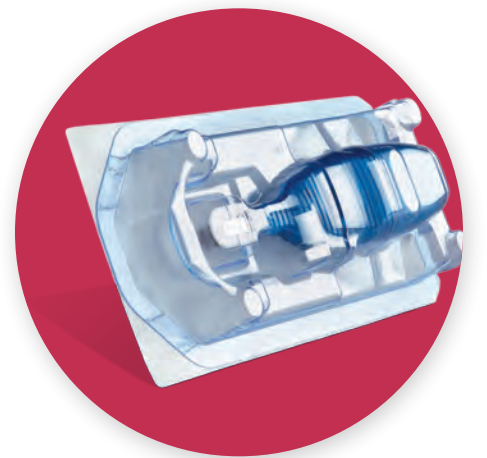
- Custom thermoformed trays, blisters, and clamshells
- Turnkey stock tooling for small components with Placon VPAK
- Die-cut mounting cards
- BargerGard® protective packaging
- Lidding—printed and non-printed, foil, paper, or Tyvek®
- Folding cartons—printed/non-printed
- Vendor Managed Inventory (VMI) and Kanban programs

Tyvek® is a registered trademark of du Pont de Nemours and Company Corporation.



INNOVATIVE DESIGNS, SMART PACKAGING

- Innovative sterile and non-sterile systems
- Long catheter capabilities—packaging up to 59"
- Expertise in thin-gauge thermoforming of PETG, HIPS, PP, recycled PET, APET, and HDPE materials
- Multiple thermoform platforms offer flexibility to support small, medium, and large volume orders from 500 to over 500,000 pieces
- Rapid prototyping, 3D solid modeling, and production-quality prototype samples with complete in-house tooling capabilities

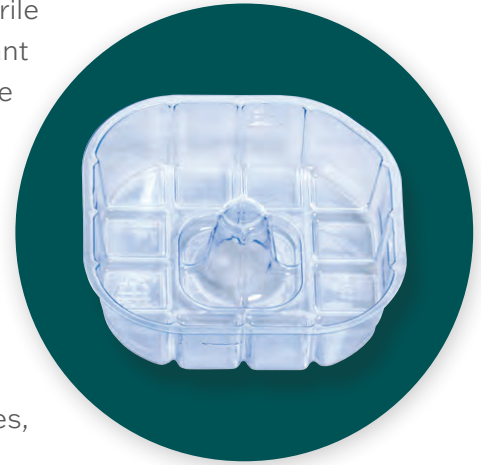


PACKAGING MATERIALS



POLYETHYLENE TEREPHTHALATE GLYCOL - PETG

From single barrier trays to double sterile barrier systems, we know how important it is to keep your medical products safe and secure prior to being used in a medical setting or operating room. In most scenarios, a thermoformed tray maintains the integrity of the overall package. In medical packaging, PETG is the standard material for rigid packages due to its durability, excellent forming capabilities, and chemical resistance.



FEATURES

- PETG is easily formable, perfect for intricate trays, rigid packaging, blisters, and clamshells
- High clarity, view the contents inside easily
- Compatible with sterilizing processes such as EtO and Gamma

Note: We can thermoform any medical packaging material including but not limited to: HIPS, PP, recycled PET, and APET.

BACKER CARDS - HDPE

Backer cards are used in instances similar to trays and BargerGard pouches where components need to be packaged together, without free-floating around the container, most commonly paired with a Tyvek-vacuum-sealed, poly-pouch.



FEATURES

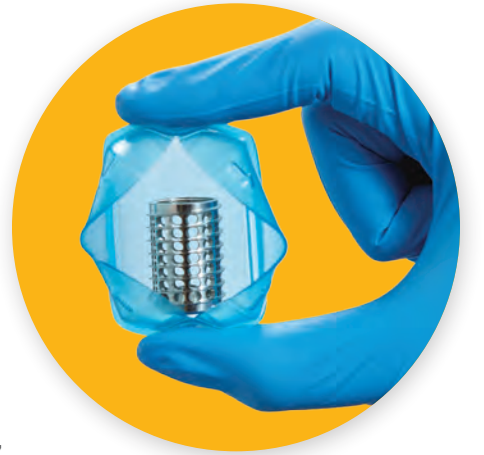
- Simple designs keep instruments safely separated and contained altogether
- HDPE is a durable, impact- and scratch-resistant material to protect components
- Suited best for non-abrasive or sharp objects that could scratch HDPE particulate into the package
- A lower-cost alternative to tray tooling

BARGERGARD®

BARGERGARD

A smart alternative to foam and vinyl protective packaging.

- Thermalplastic Polyurethane (TPU) packaging protects rough and sharp components including catheters, needles, screws, drills, and porous coated implants
- Nonabrasive material protects finished, polished, and other surfaces from damage including marring of devices, denting, and scratching
- Formed, die cut, and welded into various configurations such as liners, containers, pouches, and mounting cards
- Compatible with ethylene oxide (EtO), gamma, and eBeam sterilization
- Available in stock gauges from .005" to .055"



PRECISION PACKAGING FOR COMPLEX PROCEDURES

- Renal tubing sets
- Diabetes test kits, diagnostic kits
- Cardiac stents, implants, pacemakers
- Procedural and surgical kit trays—intuitively designed to follow particular sequences helping to minimize errors



LIDDING MATERIALS



TYVEK® LIDDING

Tyvek® lidding is used to seal the components inside thermoformed trays shut. Lidding is available with your customized print graphic and can be cut exactly to the dimension of your tray.

FEATURES

- Adheres strongly to PETG trays
- Porous makeup allows for sterilization methods to pull through the fibrous material
- Communicate important messages with three-color print capabilities
- Add lift tabs to double-barrier trays making it easy for the user to lift inner tray without compromising sterilization



FOIL

Foil is also adhered to thermoformed PETG trays but is used in different applications. One would need a foil lid if you need an oxygen barrier to protect the inside components, or if there are liquids in the tray.

FEATURES

- Best used in applications where sterilization happens prior to lid sealing
- Strong oxygen barrier as foil is non-porous
- Adheres to PETG Trays, no printing capabilities directly on foil



PLACON® VPAK™



TURNKEY STOCK TOOLING

The Placon VPAK is your solution for bringing small components to market quickly with in-stock tooling.

- Premium quality design and construction
- Save money with an already designed and tooled system
- Requires fewer internal resources and lower capital investment
- Compatible with Gamma, EtO, and eBeam sterilization methods



INNER AND OUTER DIE-CUT LIDS

- Choose Tyvek® 1073B HCW2773, foil or paper
- In-line flexographic printing options

BARGERGARD® PROTECTIVE LINER

- Innovative alternative to foam and vinyl packaging
- Die-cut, welded Thermalplastic Polyurethane (TPU) material protects sterile barriers
- Resistant to punctures and abrasion offering a high level of product protection
- Choose from two different configurations for single or multiple small parts and components

INNER AND OUTER RIGID THERMOFORMED TRAYS

- Eastar™ Copolyester 6763 PETG

PRIMARY CARTON

- Customizable with your brand



Tyvek® is a registered trademark of du Pont de Nemours and Company Corporation.
Eastar™ is a trademark of Eastman Chemical Company.

A WORLD-CLASS PACKAGING PARTNER

At Placon, we provide every packaging partnership with innovative designs and a world-class experience. We will design and produce custom protective medical packaging systems that meet your critical sterility, automated assembly, production requirements, and specifications.

LOCATIONS WITH CLEAN ROOMS:

ELKHART FACILITY (MEDICAL CENTER OF EXCELLENCE)

2901 Oakland Ave.
Elkhart, In 46517

PLYMOUTH FACILITY

9900 13th Ave. North
Plymouth, Mn 55441

MADISON (CORPORATE HEADQUARTERS)

6096 Mckee Road
Madison, Wi 53719

TEAM UP WITH US AND YOU'LL BENEFIT FROM:

- In-house tooling
- Exceptional customer service
- Award winning design company
- Rapid prototyping, production-quality samples
- Validation process expertise with strict quality control standards

QUALITY STANDARDS & CERTIFICATIONS


- SPC Procedures
- ISO 9001 Certified
- Lean Manufacturing Principles
- Good Manufacturing Practices

It is the responsibility of our customers to determine the fitness for use of our packaging for their products, process and the end consumer.

A WORLD-CLASS PACKAGING PARTNER

Placon VPAK is already in the field meeting the needs of medical device OEMs, hospitals, and clinicians.

- Single or double-sterile barrier system is easy and intuitive to use
- Rigid design ensures strong product protection
- Easy to use for smooth aseptic transfer



This is not a stock photo!
This is an actual picture
of our solar arrays.

LIVING SUSTAINABLY IS OUR REALITY

Living sustainable is not just something we say, it is our company vision. We strive to be an industry leader in sustainability and reducing our overall carbon footprint by implementing a variety of energy saving programs, water recycling, and working with local governments and municipalities. Our sustainability goals don't stop with just our post-consumer recycled material. We also own and produce 2.5 MW of solar power a year which offsets about 10% of all our energy usage, the equivalent of powering 400 homes a year.