



DEWATERING



FLEXIBLE PACKAGING



SPILL CONTAINMENT

PACTEC

FULL PRODUCT LINE

We manufacture packaging.
We engineer solutions.



**WE MANUFACTURE PACKAGING.
WE ENGINEER SOLUTIONS.**

PacTec, Inc. is the leader in designing and manufacturing flexible packaging for hazardous and nuclear wastes across the globe. Enclosed you will find details on our complete line of spill containment, waste packaging, and dewatering solutions.

Our corporate offices are based in Clinton, LA with sales and distribution locations worldwide. We also own and operate manufacturing facilities in Clinton, LA, Mexico, and Subic Bay, Philippines.

With over 20 US and one British patent, we have a reputation for developing innovative solutions for today's problems.

QUICK FACTS

- ▶ 20+ US and One British Patent
- ▶ ISO 9001: 2015, NQA-1 Certified
- ▶ 6 US Distribution Facilities
- ▶ 3 Manufacturing Plants
- ▶ Worldwide Sales Locations

SERVICES

- ▶ Research & Development
- ▶ Engineering
- ▶ Quality Control
- ▶ Product Testing
- ▶ Customer Service
& Consultation



BermPac[®]

PORTABLE SPILL BERMS

PacTec offers several portable spill containment solutions called BermPacs[®]. They provide a safe, easy, and cost-effective solution for spill containment aimed at helping you prevent costly incidents. While our most common sizes range from 4' to 50', PacTec, Inc. can manufacture any custom size needed. BermPacs[®] are offered in various materials that are UV and chemical resistant, flexible, portable, lightweight, and durable. They are also perfect secondary containment solutions.

Applications:

- ▶ Frac tanks
- ▶ Tanker trucks
- ▶ Decon wash pads
- ▶ Pumps & generators
- ▶ & More

Types of BermPac Available

- | | |
|-----------------|------------------|
| ▶ Wire Bracket | ▶ Hurdle Bracket |
| ▶ Hinge Bracket | ▶ Collapsible |
| ▶ Foam | ▶ Custom Berms |



Features:

- ▶ Rugged material choices
- ▶ Various wall configurations
- ▶ Custom sizes available
- ▶ Company logo available

Advantages:

- ▶ Prompt manufacturing time
- ▶ Reduced project footprint
- ▶ Optional liners available
- ▶ Portable, reusable, repairable, and cost-efficient



BermPac[®]

LIGHTWEIGHT WIRE BRACKET BERM

Our Wire Bracket BermPac[®] is manufactured with sidewalls that are easily set up with lightweight wire brackets. These patent-pending* brackets are designed to pinch and slide into the berm's sidewall pockets to keep them securely in place, unlike the outdated traditional L-bracket.

This cost-efficient spill containment option is made from a variety of chemical and acid-resistant materials that provide unrivaled spill containment. We also have many commonly used sizes available for quick delivery.



Features:

- ▶ Classic external bracket design
- ▶ Lightweight wire brackets
- ▶ 12" sidewalls
- ▶ Easy to install bracket system



Advantages:

- ▶ Prompt manufacturing time
- ▶ Brackets are durable & lightweight
- ▶ Easier to deploy on job site



HINGE BRACKET

BermPac[®]

FOLDING HINGE BRACKET BERM

When it comes to ease of use in spill containment, look no further than PacTec's Hinge Bracket BermPac[®]. The integrated hinge brackets quickly snap into the upright position to provide ultimate spill protection without presenting a trip hazard. The brackets can also be easily removed and replaced if damaged in the field.

Manufactured from a variety of chemical and acid-resistant materials, they also fold to a compact size for transport to the job site. We also keep many commonly used sizes in inventory for quick delivery to you.



Features:

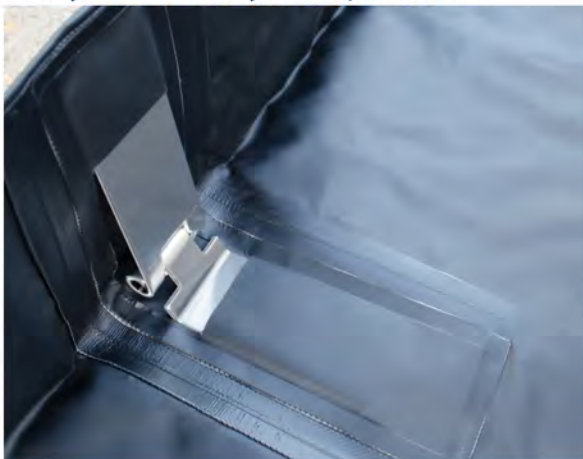
- ▶ Patented hinge bracket can raise into upright position or fold down as needed.
- ▶ One-piece design
- ▶ Rugged material choices
- ▶ Easy to operate bracket system





Advantages:

- ▶ Ability to fold sidewalls up or down easily
- ▶ Replaceable brackets stay in pockets throughout berm life
- ▶ Compact when not in use
- ▶ Easy for inventory and operations



POP-UP

BermPac®

ADVANCED SPILL CONTAINMENT

PacTec's BermPac® Pop-Up Spill Containment Berms offer unmatched convenience with compressible sidewalls and a one-piece design. Ideal for rugged environments, the fully encased brackets enhance durability, minimize loss, and simplify operation. The quick-fold sidewalls provide fast, effective containment for leaks and spills of oil, fuel, chemicals, and more.

Pop-Up Berms are perfect spill containment solutions for frac tanks, tanker trucks, generators, industrial equipment, oil drums, chemical containers, and vehicle washdowns.



Features:

- ▶ Unique sidewalls quickly raise into upright position or down as needed.
- ▶ One-piece design
- ▶ Rugged material choices
- ▶ 12" sidewalls with integrated brackets





Advantages:

- ▶ Unique brackets quickly raise into upright position or down as needed
- ▶ Lowered brackets can autonomously raise in the event of an unexpected spill
- ▶ Compact when not in use
- ▶ Easy for inventory and operations



BermPac[®]

THE ULTIMATE DRIVE ON & OFF SOLUTION

This BermPac utilizes foam blocks lined around the perimeter to form sidewalls. The foam quickly compresses, then rapidly returns as it is rolled over. As a spill containment unit, it is most effective for wash pads and frequently trafficked areas on your job site.

These berms are made as a one-piece unit, making installation quick and easy. They are both economical and lightweight.



Applications:

- ▶ Wash pads
- ▶ Tank staging areas
- ▶ High-traffic zones
- ▶ Oil fields



Features:

- ▶ Sidewalls quickly expand after compression
- ▶ Lightweight and durable
- ▶ 4" sidewalls
- ▶ Customizable

Advantages:

- ▶ Drive on and off without exiting the vehicle, saving major time
- ▶ Very quick installation
- ▶ Exceptional durability



The Hurdle Bracket BermPac is engineered for exceptional durability and ease of use. It features lightweight aluminum hurdle brackets that create a continuous, rigid sidewall for superior spill containment. This innovative design eliminates the need for hose bridges, simplifying your operations and maintaining full containment integrity. With its robust construction and user-friendly features, the Hurdle Bracket BermPac is a dependable solution for efficient and effective spill management.



Applications:

- ▶ Fuel trucks
- ▶ Fuel cells
- ▶ Large generators or pumps
- ▶ Large volume needs

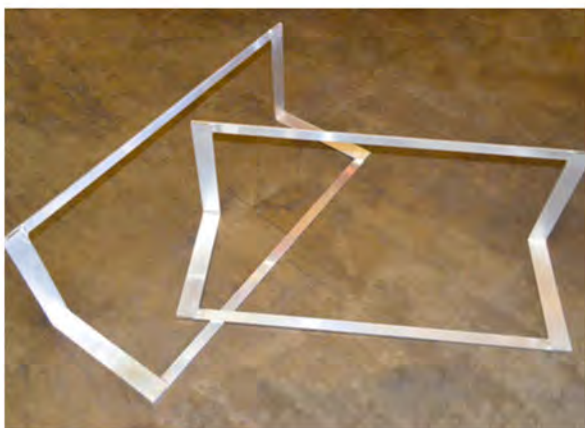
Features:

- ▶ Rigid sidewalls
- ▶ Brackets are easy to slide out if a side needs to be lowered
- ▶ Offers 110% containment
- ▶ Customizable



Advantages:

- ▶ No need for hose bridges
- ▶ Large aluminum hurdle brackets create sturdy walls
- ▶ Strongest and most expansive spill solution
- ▶ Highest level of assurance



COLLAPSIBLE

BermPac[®]

PORTABLE EMERGENCY SPILL RESPONSE

This compact, portable and collapsible BermPac[®] is small enough to fit behind the seat of your vehicle when rolled and strapped. They can be set up in seconds, and are available in multiple sizes. Also, they are made of a lightweight, durable, and chemical-resistant 18 oz. vinyl.



Features:

- ▶ Instant set up
- ▶ Made from high-quality 18 oz. vinyl
- ▶ Multiple sizes: 2x2, 3x3, & 4x4
- ▶ Rolls up to compact size similar to an umbrella or less.





Advantages:

- ▶ Super compact and portable
- ▶ Small footprint with large capacity
- ▶ Minimize response time, minimize risk
- ▶ Cost-effective solution for the full fleet
- ▶ Useful for on-site servicing and to contain dirty tools after job is complete



BermPac[®] ACCESSORIES

**OPTIONAL ADD-ONS FOR
OPTIMAL PERFORMANCE**

PacTec provides a full line of accessories for the BermPac[®] to ensure that your spill berm has the longest possible life and provides you with the greatest return on investment.





Dewatering Filters

LINERS MADE TO CUT WASTES AND COSTS

Our disposable dewatering liners are the cost-effective way to efficiently separate liquids from solids in your existing dewatering containers & boxes for faster recovery and disposal. Fabric geotextile and screen mesh filter options are available to achieve desired flow rates and micron levels.



Applications:

- ▶ Industrial sludge pits
- ▶ Mining and quarry operations
- ▶ Environmental remediation
- ▶ Sump cleaning

Features:

- ▶ Installs into any standard roll-off
- ▶ Affordable and disposable
- ▶ Mesh options for faster dewatering
- ▶ Cloth options for heavy metals and hydrocarbons





Advantages:

- ▶ Cuts need for specialty dewatering boxes
- ▶ Reduces disposal volume
- ▶ No volume increases associated with using solidification agents



SludgePac[®]

MODULAR DEWATERING BAGS

PacTec's SludgePac dewatering bag is the ideal solution for capturing solids from pumping operations within a smaller footprint. They easily contain silt, soil, debris, and sediment while allowing water to safely return to the ground or storm drains.

These bags are manufactured from heavyweight non-woven fabric and the spout can accommodate several hose diameters. We stock several industry-standard sizes or we can custom manufacture to your job or project specifications.

Applications:

- ▶ Construction projects
- ▶ Industrial sludge pits
- ▶ Sump cleaning
- ▶ Cooling tower sludges
- ▶ Stormwater runoff

Features:

- ▶ Retains solids while releasing water
- ▶ Direct feed system is simple to use
- ▶ Standard & custom sizes available
- ▶ Accommodates various hose sizes





Advantages:

- ▶ Small bag sizes are ideal for various job sites
- ▶ Low-cost dewatering option
- ▶ Allows retention of soil from erosion
- ▶ Uses pressure for faster dewatering



GeoPac[®]

LARGE SCALE DEWATERING TUBES

The GeoPac[®] is a geotextile tube used for dewatering and volume reduction of various types of sludge material. The GeoPac[®] uses internal pressure to dewater instead of relying solely on gravity. This allows you to process large volumes of sludge more efficiently than typical dewatering boxes, saving you time and money.



Applications:

- ▶ Agricultural waste
- ▶ Dredging
- ▶ Industrial ponds
- ▶ Marine/beach restoration
- ▶ Municipal sewage plants



Features:

- ▶ Multiple fill ports
- ▶ High tenacity thread for seam strength
- ▶ Uses pressure to accelerate dewatering
- ▶ Dimensionally stable fabric to minimize blinding



Advantages:

- ▶ Eliminates need for dewatering box rental
- ▶ Stackable for more efficient footprint
- ▶ Faster dewatering process
- ▶ Volume & weight reduction of sludge lowers overall disposal cost



Resource Library

SCAN QR CODES TO ACCESS MORE INFORMATION





TransLiner®

CONTAINER LINERS

The TransLiner® is a disposable polyethylene container liner with a patented design that ensures a form fit every time. Our design positions the liner seals outside of the container, providing exceptional leak protection to safely and securely transport solids and sludge wastes.

The TransLiner® may also be fitted to cover the load, aiding dust and odor control.



Applications:

- ▶ Roll-off containers
- ▶ End-dump trailers
- ▶ Luger boxes
- ▶ Rail gondolas



Features:

- ▶ Gives container leak protection
- ▶ Design keeps liner in place during loading
- ▶ Individually packaged
- ▶ Available in many standard sizes, and mil thicknesses



Advantages:

- ▶ Made to install quickly and easily
- ▶ Minimize cleanout time and cost
- ▶ Odor and freeze control
- ▶ Extends container life



TransCover

TOP COVERING FOR CONTAINERS & TRUCKS

The TransCover® is a custom-manufactured tarp utilizing quality, high strength yet lightweight fabrics. Many standard sizes are stocked to provide a quick turnaround.

From waterproof to mesh coverings, PacTec has your tarp needs covered. We can even provide you with all the necessary equipment like rise bows, tarp stops, bungee cords, and more.



Applications:

- ▶ Layflat/throw tarps
- ▶ Rollover tarps
- ▶ Auto tarps
- ▶ Mesh packer/compactor tarps





Features:

- ▶ Strong, lightweight fabrics
- ▶ Heavy-duty brass spur grommets
- ▶ Webbing reinforced perimeter hems
- ▶ Full range of accessories available



Advantages:

- ▶ Enhances container life
- ▶ Durable & lightweight
- ▶ Easy to use
- ▶ Keeps elements such as rain and snow out of payload to protect shipment and minimize weight
- ▶ Ensures transportation compliance and safety to avoid hazards and fines

TransPac®

IP-1 SPECIALIZED INDUSTRIAL CONTAINER WASTE BAGS

The TransPac® limits worker exposure, offers quick and easy installation, reduces clean-out costs, and requires minimal storage space. Customized options include multiple spouts, open-top, open-end, and our proprietary zipper closure. The standard TransPac® is constructed of woven polymeric fabric and can be designed to handle things like asbestos, high-heat waste, powders, construction debris, or hazardous materials.



Applications:

- ▶ Asbestos and other powders
- ▶ Odorous materials
- ▶ High-heat applications
- ▶ Metal shavings and sludges
- ▶ Low-level waste
- ▶ Pathogenic waste

Features:

- ▶ Proprietary zipper closure
- ▶ May be lined for wet applications
- ▶ Spouted model can be loaded by gravity or vacuum-loaded systems
- ▶ Can incorporate a tamper indication device
- ▶ IP-1 Certified for Low-level waste

Advantages:

- ▶ Easy installation
- ▶ Cost & labor savings
- ▶ Increased loading & unloading speed
- ▶ Helps in exposure reduction

Configurations:

We offer several proprietary designs to best meet your project guidelines. We also offer a vacuum-loaded design (pictured on the previous page).



**CIGAR
ZIPPER-TOP BAG**



BREAD BAG



CENTER-ZIP BAG



SPOUTED BAG

LiftPac[®]

IP-1, IP-2, & TYPE A FLEXIBLE CONTAINERS

The LiftPac[®] flexible container is ideal for flowable solids and debris such as sand, soil, gravel, and D&D wastes- and meets DOT transport regulations.

Manufactured of heavy-duty woven and non-woven polypropylene with proprietary zipper closures, the LiftPac[®] gives users a safe and secure way to store, transport, and dispose of a variety of wastes to meet IP-1, IP-2 or Type A.

Applications:

- ▶ Storage, transport, and disposal of flowable solids & debris
- ▶ Replaces metal and wooden boxes
- ▶ Reduce D&D packaging and transportation costs

Features:

- ▶ Easy to handle, load, and store
- ▶ One-piece design for easy use
- ▶ Optional liners available
- ▶ Reduced project footprint
- ▶ IP-1, IP-2, & Type A packages available
- ▶ Type A has been fissile tested

Advantages:

- ▶ Increased waste loading vs. metal containers
- ▶ One-piece design for easy use
- ▶ Optional liners available
- ▶ Reduced project footprint





LiftPac[®] SS

DUAL PURPOSE UN-X/IP-1 CUBIC YARD BAG

PacTec's LiftPac[®] is the only self-standing zipper-top hazardous waste bag on the market. This cubic yard bag is the perfect solution for the disposal of household hazardous waste, contaminated PPE, and a variety of other applications.

The LiftPac[®] walls are constructed of rigid corrugated fiberboard allowing the bag to be self-standing, while the 6 mil PE liner provides ultimate leak protection. It contains close to the equivalent of four 55-gallon drums at a significant savings in cost and storage space.

They are lightweight, easy to assemble, versatile, and can easily be lifted by forklift with attached loops.

Applications:

- ▶ Household or hazardous wastes
- ▶ Lab packing
- ▶ Contaminated PPE
- ▶ Soil, asbestos, & other dusts
- ▶ Wastewater treatment sludge

Features:

- ▶ UN-Rated "X" for Packaging Groups I, II, & III, and IP-1 certified
- ▶ Frameless operation
- ▶ PE Liner on inside prevents leaking
- ▶ Optional puncture liners available
- ▶ Arrives flat-packed, 36 per pallet



Advantages:

- ▶ Increased waste loading vs. metal containers
- ▶ One-piece design for easy use
- ▶ Optional liners available
- ▶ Reduced project footprint



LiftPac[®] SSX

**3.5 CUBIC YD. SELF-STANDING
IP-1 FLEXIBLE CONTAINERS**

The LiftPac[®] SSX is a self-standing flexible container that is ideal for loading and unloading without a frame. The bag features our proprietary zipper system for easy closure and a single-pick design for easy lifting. That means no loading frames or lifting frames are necessary.

Manufactured of heavy-duty polypropylene, heavy-duty fiberboard, and a 6 mil PE liner. The LiftPac[®] SSX gives users an easy and secure way to store, transport, and dispose of a variety of low level waste.

Applications:

- ▶ Storage, transport, and disposal of flowable solids & debris
- ▶ Replaces metal and wooden boxes
- ▶ Reduce D&D packaging and transportation costs

Features:

- ▶ Easy to handle, load, and store
- ▶ One-piece design for easy use
- ▶ Optional liners available
- ▶ Reduced project footprint
- ▶ IP-1 & IP-2 certified packages available

Advantages:

- ▶ Increased waste loading vs. metal containers
- ▶ One-piece design for easy use
- ▶ Optional liners available
- ▶ Reduced project footprint





Drum LiftPac[®]

IP-1 & IP-2 DRUM LIFTPACS

Our engineers develop your design requirements into practical products. This is the ideal packaging solution for containing legacy drums- bringing them into compliance and making them suitable for shipping. These heavy-duty drum LiftPacs are offered as an IP-1 and IP-2 package. They are made-to-spec, fitting 55 & 85-gallon drums.

Each Drum LiftPac is fitted with a single-pick design, where the high-strength industrial straps can be lifted by a single attachment point.



Applications:

- ▶ Corroded drums
- ▶ Out of compliance drums
- ▶ Overweight drums

Features:

- ▶ Durable industrial fabrics
- ▶ Proprietary zipper closure system
- ▶ Can incorporate a tamper indication device
- ▶ IP-1 & IP-2 certified models available



Advantages:

- ▶ Customized to fit
- ▶ Best-in-industry manufacturing lead times
- ▶ Reduces worker exposure
- ▶ DOT & IAEA-compliant packaging



Transformer Bag

UN-RATED TRANSFORMER CONTAINMENT BAG

PacTec has built upon years of flexible packaging experience, and created the Transformer Bag- a safe and effective way to contain leaking transformers. Our proprietary design features a zipper closure, absorbent inner layers, and integrated lifting straps. Each unit is also lightweight and compact when not in use. All of this amounts to a supremely efficient package for use in service in the field.



Applications:

- ▶ 37.5 kVA, 50 kVA & small 75 kVA pole-mounted transformers
- ▶ Transporting transformers
- ▶ Containing leaking units
- ▶ Storm preparedness kits

Features:

- ▶ Proprietary zipper closure
- ▶ Lined with absorbent materials
- ▶ Integrated lifting straps make it safe and easy to move units
- ▶ Bright white bag with reflective striping for safety in hazardous conditions
- ▶ UN-Y rated for packaging group II for the safe transport of PCBs (DOT-compliant)



Advantages:

- ▶ Self-supporting material holds bag open for easy, one-person loading
- ▶ Fully-lined with absorbent material for maximum spill control
- ▶ Lightweight and compact
- ▶ More economical and portable than metal drums



MacroBag[®]

MACROENCAPSULATION FOR LLMW & RLS

PacTec has pioneered and patented a cost-effective treatment technology with its MacroBag[®], a flexible package used for the secure macroencapsulation of radioactive hazardous debris. The MacroBag[®] provides a safe, cost-effective, and easy-to-use solution for disposing of radioactive lead solids (RLS), and low-level mixed waste (LLMW) debris, which can be custom-sized to meet the needs of your project.



Applications:

- ▶ Radioactive lead solids (RLS)
- ▶ Circuit boards
- ▶ LLMW debris
- ▶ Lead batteries & shielding

Features:

- ▶ Approved by EPA for macroencapsulation
- ▶ Proprietary airtight closure system
- ▶ Approved for RLS
- ▶ Approved at NNSS & multiple other disposal sites



Advantages:

- ▶ Easy zipper closure system
- ▶ No grout, no welding, no control panels
- ▶ Load drums and boxes directly into MacroBag
- ▶ Custom sizes (30-Gallon Drum to Sealand Container)



NucPac[®]

IP-1 LSA AND SCO OVERPACKS

Our engineers develop your design requirements into practical products for shipments of any size or shape. PacTec's extensive variety of materials for custom covering systems and overpacks are tested and project-proven. Our turnaround time is the best in the industry. Making cost-effective, regulatory-compliant packaging for the safe transport of any Surface Contaminated Objects or Low Specific Activity materials is our top priority.



Applications:

- ▶ Surface Contaminated Objects (SCO)
- ▶ Low Specific Activity material (LSA)
- ▶ Irregular / large equipment
- ▶ Pressure vessels
- ▶ Overpack for out-of-compliance metal containers

Features:

- ▶ Durable industrial fabrics
- ▶ Industrial closure system
- ▶ Can incorporate a tamper indication device
- ▶ IP-1 certified with Certificate of Compliance



Advantages:

- ▶ Customized to fit
- ▶ Prompt manufacturing lead time
- ▶ Reduces worker exposure
- ▶ Regulatory compliant packaging



RailPac[®]

IP-1 RAILCAR LINERS

The RailPac[®] ensures the safest transportation of contaminated waste materials with a form-fit design to keep the lining securely in place. Manufactured from your choice of extruded or woven polymeric fabrics, these IP-1 containers are designed for your railcar's exact specifications and custom sizes are always available. The proprietary zipper allows for quick and easy installation and closure, which can also include a tamper indication device to prevent unauthorized access.



Applications:

- ▶ Construction debris
- ▶ Contaminated soil
- ▶ Sludges
- ▶ Ash wastes and powders

Features:

- ▶ Proprietary zipper closure
- ▶ IP-1 certified
- ▶ Form-fit design
- ▶ Made of woven polyethylene to handle a variety of waste streams

Advantages:

- ▶ Installs in minutes
- ▶ Can incorporate a tamper indication device
- ▶ Proprietary closure method saves time and money
- ▶ Top cover keeps out rain and snow



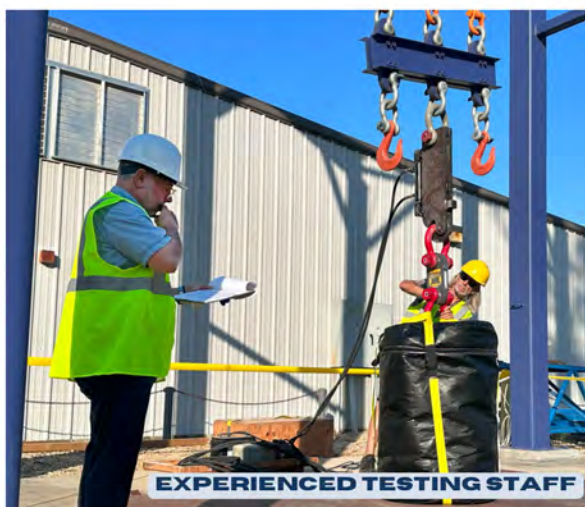
We Engineer Solutions

**CELEBRATING 35 YEARS IN
CUSTOM ENGINEERING**

We maintain an in-house engineering and design team, as well as our own manufacturing and testing facilities.

We leverage this and our vast experience to quickly produce the solutions our customers need to maintain compliance and get the job done.







FILTRATION



CUSTOM PACKAGING



TARPS & COVERINGS



**WE MANUFACTURE PACKAGING.
WE ENGINEER SOLUTIONS.**



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