



PRODUCT LINE

PACTEC

*We manufacture packaging.
We engineer solutions.*

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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 waste containment and packaging 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 and Subic Bay, Philippines.

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

Quick Facts:

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

In House Capabilities:

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

PacTec Contacts



BermPac®

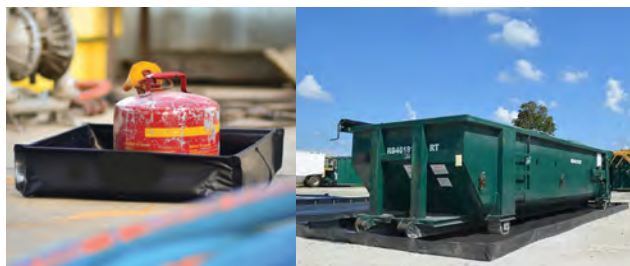
Portable Spill Berms



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.

Types of BermPacs® Available:

- ▶ Hurdle Bracket
- ▶ Pop-Up Foam
- ▶ Sidewall
- ▶ Collapsible
- ▶ Hinge
- ▶ Half Pipe
- ▶ Custom Berms
 - Wellhead
 - Railroad
 - Floating



Features:

- ▶ Many material choices
- ▶ Various wall configurations
- ▶ Custom sizes available
- ▶ Company logo available
- ▶ Frac Tanks
- ▶ Tanker Trucks
- ▶ Decon Wash Pads
- ▶ Pumps & Generators

Applications:

Advantages:

- ▶ Prompt manufacturing lead time
- ▶ Portable, reusable, repairable, and cost-efficient
- ▶ Durable and lightweight
- ▶ Easy to set up, deploy, move, and disassemble



Dewatering

Liners and Filters

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
- ▶ Cooling tower sludge
- ▶ Paint sludge
- ▶ Sump cleaning

Features:

- ▶ Easy to install and use
- ▶ Affordable & disposable
- ▶ Mesh options for faster dewatering
- ▶ Cloth options available for heavy metals and hydrocarbons

Advantages:

- ▶ Works with most industrial dewatering box sizes & designs
- ▶ Reduces disposal volume
- ▶ No volume increases associated with using solidification agents



GeoPac[®]

Dewatering Tubes, Filters and Bags



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: Features:

- ▶ Agricultural waste dredging
- ▶ Industrial pond dredging
- ▶ Marine/beach restoration
- ▶ Municipal sewerage plants
- ▶ Multiple fill ports
- ▶ Built for all volume applications
- ▶ Dimensionally stable fabric to minimize blinding
- ▶ High tenacity thread for seam strength



Advantages:

- ▶ Eliminates box rentals
- ▶ Stackable for space utilization
- ▶ More efficient than typical dewatering boxes
- ▶ Volume & weight reduction of sludge lowers disposal costs



LandPac[®]

Landfill Covers



LandPac[®] can help your landfill realize tremendous savings. This alternate daily landfill cover minimizes water infiltration and aids in debris and odor control. They can be manufactured using fire-retardant, woven polymeric materials, and can also be designed to withstand high-wind conditions by including features such as fasteners and weighted pockets. The LandPac[®] is perfect for use with auto-covering systems or old-fashioned manpower.

Features:

- ▶ Minimizes water infiltration
- ▶ Can be manufactured from fire-retardant materials
- ▶ Standard & custom sizes available
- ▶ Can be used for soil remediation, odor control, and as an alternate daily cover

Advantages:

- ▶ Lower costs over traditional alternate daily covering methods
- ▶ Reduces odors
- ▶ Controls debris
- ▶ Increases landfill life



LiftPac[®]

IP-1, IP-2 and 7A Type A IP-3 Flexible Containers

PATENTED

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 7A Type A IP-3 compliance.

Applications:

- ▶ Storage, transport, and disposal of flowable solids and 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 and 7A Type A IP-3 packages available

Advantages:

- ▶ Reduces landfill subsidence
- ▶ One time fixed cost; eliminates rentals
- ▶ Proprietary zipper closures are safer and faster than other methods
- ▶ Custom sizes available



LiftPac®



Self-Standing Household Haz Waste 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 glued-in 6 mil PE liner provides ultimate leak protection. It contains 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 Hazardous Waste
- ▶ Lab Packing
- ▶ Contaminated PPE
- ▶ Soil, Asbestos, & Other Dusts
- ▶ Wastewater Treatment Sludges

Features:

- ▶ UN-Rated "X" for Packaging Groups I, II and III
- ▶ Cardboard sidewalls hold bag open for easy filling
- ▶ Proprietary zipper closure
- ▶ UV Coated, weather resistant outer layer

Advantages:

- ▶ Self-contained multi-layer unit
- ▶ Superior to stapling boxes to pallets
- ▶ Lightweight and compact
- ▶ Lowers disposal costs as compared to 55-gallon drums
- ▶ Collapsible for easy storage



MacroBag[®]

Macroencapsulation for LLMW & RLS

PATENTED

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 low-level mixed waste debris that can be custom sized to meet the needs of your project.

Applications:

- ▶ Radioactive Lead Solids
- ▶ Circuit Boards
- ▶ LLMW Debris
- ▶ Lead Batteries & Shielding

Features:

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

Advantages:

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



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 SCO (surface contaminated object) and LSA (low specific activity) materials is our top priority.

Applications:

- ▶ Surface Contaminated Objects
- ▶ Low Specific Activity material
- ▶ Irregular / Large equipment
- ▶ Pressure vessels
- ▶ Overpack for out-of-compliance metal containers



Features:

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



Advantages:

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



RailPac®

IP-1 Railcar Liners and Tarps

PATENTED

RailPac® ensures the safest transportation of contaminated waste materials with a form-fit design to keep our liners 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 ensures quick and easy installation and closure and can be fitted with a tamper indication device to deter unauthorized access.



Applications:

- ▶ Construction Debris
- ▶ Contaminated Soil
- ▶ Sludges
- ▶ Ash wastes and powders

Features:

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

Advantages:

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

TransPac®

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 asbestos, high-heat materials, powders, and odorous materials.



Applications:

- ▶ Asbestos and other powders
- ▶ Odorous Materials
- ▶ High Heat Applications
- ▶ Metal Shavings and Sludges
- ▶ Low Level Waste

Features:

- ▶ Proprietary zipper closure makes installation quick and easy
- ▶ Prevents discharge of airborne dust
- ▶ May be lined for wet applications
- ▶ Spouted TransPac® can be loaded by vacuum or gravity feed systems
- ▶ IP-1 Rated for Low Level Waste

Advantages:

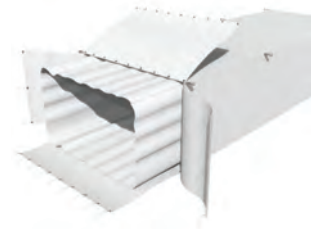
- ▶ Labor and cost savings over smaller waste packaging
- ▶ Easy Installation
- ▶ Storage savings
- ▶ Increased loading speed
- ▶ Helps in odor reduction

Configurations:

We offer several proprietary designs to best meet your project guidelines.



Cigar Zipper Top Bag



Bread Bag



Center Zip Bag



Spouted Bag

TransPac[®]

Transformer Containment Bag



PacTec's TransPac[®] Transformer Containment Bag is the safe way to contain leaking transformers for transport to service centers. Our proprietary design is the first in the industry to utilize a zipper closure for ease of use in the field. The heavy-duty, multi-layer bag includes a full absorbent inner layer and is also lightweight, compact, and easily stored on service trucks.

Applications:

- ▶ 37.5 kVA, 50 kVA & Small 75 kVA Pole-Mounted Transformers
- ▶ Storm Preparedness

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 than metal drums



Features:

- ▶ "Y" UN Rated for Packaging Group II for the safe transport of PCB's
- ▶ DOT Compliant
- ▶ Proprietary zipper closure
- ▶ Bright white bag with reflective striping for safety



TransCover®

Tarps and Accessories



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, to a full line of bungee accessories, PacTec has your tarp needs covered.



Applications:

- ▶ Layflat/Throw tarps
- ▶ Auto tarp replacements
- ▶ Rollover tarps
- ▶ Mesh packer/Compactor tarps

Features:

- ▶ Strong, lightweight fabrics
- ▶ Ratchet binders available
- ▶ Heavy-duty brass spur grommets or D-rings
- ▶ Webbing reinforced perimeter hems

Advantages:

- ▶ Prompt manufacturing time
- ▶ Durable and lightweight
- ▶ Enhances container life

Accessories Available:

- ▶ Rise bows
- ▶ Tarp straps
- ▶ Roll pipe
- ▶ Tarp stops
- ▶ Fixed pipe
- ▶ Ratchet binders
- ▶ Tarp handles
- ▶ Bungees



TransLiner®

Disposable 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 which aids in dust and odor control.

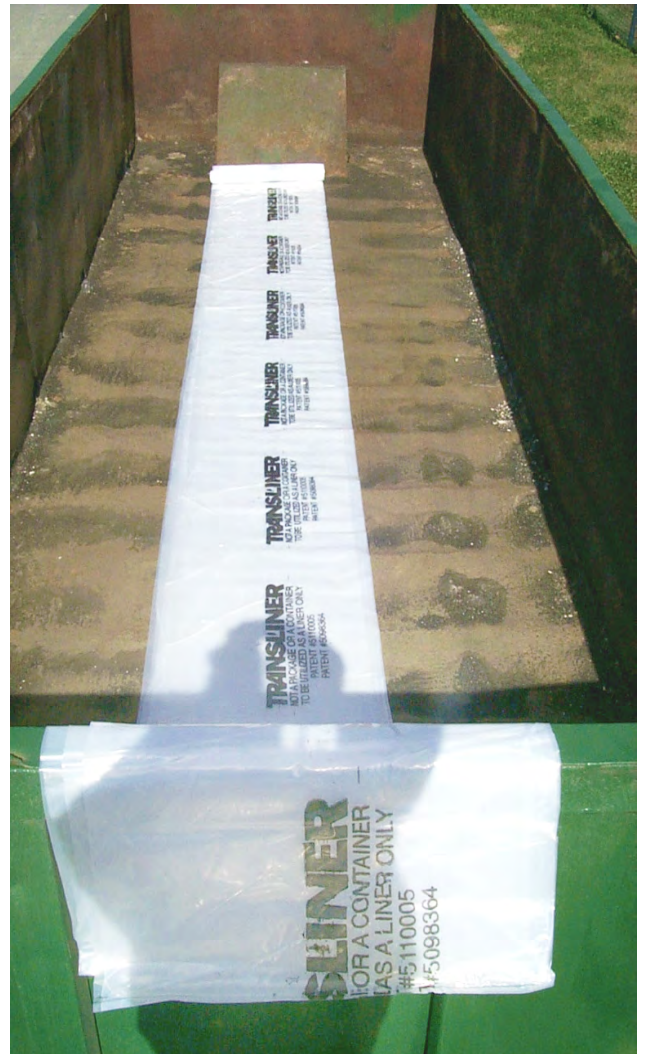


Applications: Advantages:

- | | |
|-----------------------|---------------------------|
| ▶ Roll-off Containers | ▶ Easy installation |
| ▶ End Dump Trailers | ▶ Reduced washout costs |
| ▶ Luger Boxes | ▶ Odor and freeze control |
| ▶ Rail Gondolas | ▶ Extended container life |

Features:

- ▶ Seals outside the container for leak protection
- ▶ Available in many standard sizes and different mil thicknesses
- ▶ Patented, form-fit design





Engineered solutions that are anything but standard.

SCAN FOR DIGITAL BROCHURE



PacTec Links



PACTEC

*We manufacture packaging.
We engineer solutions.*

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