



PRODUCT  
INFORMATION



● **Lift Liner™ 242 Cubic Foot Flexible Package System** (US Pat. No. 6,079,934)

**Specifications**

- 242 cubic foot volume capacity
- 24,000 lbs. capacity
- Loaded size 96" L x 66" W x 66" H
- Woven and coated polypropylene fabric

**Equipment Features**

- Package can be transported by rail, flatbed truck or dump truck/container/barge
- Package can be lifted by crane or forklift
- The Idaho National Engineering and Environmental Laboratory performed a large-scale demonstration using 24,000 lb. capacity flexible packages at the request of the US Department of Energy; the major objectives of the demonstration – cost, productivity rates, ease of use and limitations were achieved with excellent performance; the results and cost savings analysis are documented in an available report that INEEL prepared for the US DOE
- The International Union of Operating Engineers National Hazmat Program Human Factors Assessment Report concludes the Lift Liner™ System provides a cost-effective method of transporting and storing low-level radioactive waste, and is a simple and inherently safe technology

**Equipment Advantages**

- Easy to handle, load and store (40 lbs. and 4 cubic foot when empty)
- Purchased, it provides a one-time fixed cost, eliminating monthly rental expenses, as compared to container lease
- Disposable package eliminates further handling
- Minimal freight costs to transport
- A bulk package that is ideal for close placement to surgical remediation efforts and offers the shipper many shipping options
- When used with private MHF Services high-side gondolas, the Lift Liner™ can be doubled-stacked in the railcar, maximizing transport at 100 tons per car

- Ideal for any type of bulk material, including hazardous and non-hazardous waste
- Standard inner liner included
- Custom inner liners, if required, priced and ordered according to project specifications
- Waterproof inner liners are available

**Certifications**

Bulk package that meets DOT package specification for “General Design Package” 49 CFR 173.427, Industrial Package 1 (IP-1) 49 CFR 173.410, and Industrial Package 2 (IP-2) 49 CFR 173.411 (tested and certified to meet IP-2 when used with an inner liner for flowable solids, i.e., sand, gravel or soil-like material).

ABS/ISO 49 CFR 173.427  
49 CFR 173.410 (IP-1)  
ISO 1496-1  
CSC Safety Approval as manufactured

**Lifting Frame**

- Provides a rigging interface with the lifting straps of package
- Easy to use
- Handle with crane, forklift or any lifting device with appropriate capacity
- Tested and certified to DOE-STD 1090 hoisting and rigging standards

**Loading Frame**

- Easy to use
- Heavy-duty construction provides years of dependable service

**Security & Safety**

Security seals are available for purchase in various styles that deter unauthorized access. Many safety features are engineered into our equipment, containers and packages and are referenced in the specifications, equipment features and advantages.