

ITW Shippers[™]
PRODUCTS
Air Bags for Damage Prevention

OPTIMIZED STABILITY

With Polywoven Air Bags for Load Protection



**Proven Products,
Proven Professionals.**

When you ship by rail, you can't control the quality of the ride. But you can control load securement. ITW Shippers has spent the past 40 years developing products like polywoven air bags to give you unrelenting load securement and protection. And we go an important step further with ITW Shippers' experienced sales force throughout North America. Our representatives can advise you on all your load protection needs.



A Proven Leader

ITW Shippers is a part of ITW, Illinois Tool Works, Inc., a Fortune 200 company. We have designed and manufactured high quality air bags for more than 40 years. Our air bag products are used worldwide by recognized companies in various industries. We are committed to superior customer service and support. ITW Shippers is an ISO 9001-2000 certified company.

Damage Control Is In The Bag

Handling Valued Customers (And Their Freight) With Care

In 2004, the value of goods damaged in rail transit totaled \$134 million in the USA. Add to that the cost of damaged relationships and lost business, and the total bill is incalculable. ITW Shippers' polywoven air bags and SuperFlow™ Inflation System can handle the load. Our local representatives will show you how to use our products to maximize your damage prevention programs.

Light Weight,
Weatherproof Resistant
Polywoven
Construction

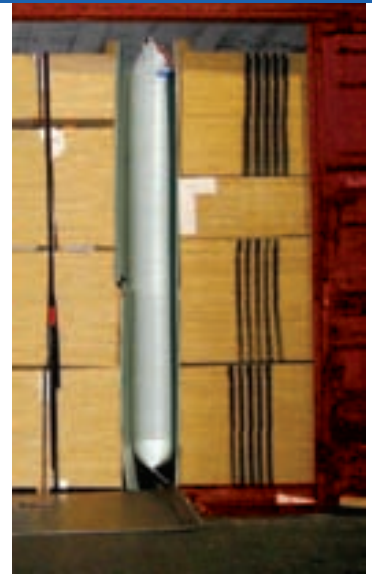
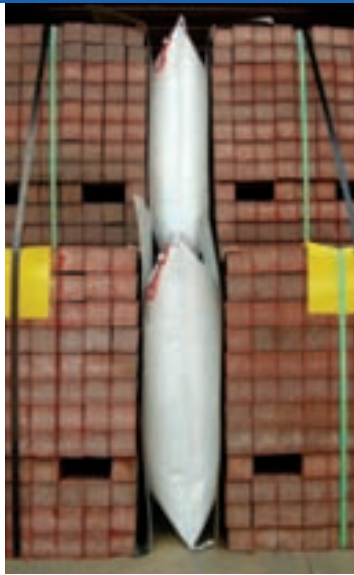
Protect the goods. Keep your customers happy.



Damaged goods shipped by rail costs millions of dollars every year.



Proven Leaders in Damage Prevention.



Trouble-Free Polywoven Air Bags

- Designed for Medium Weight and Heavy Weight railcar loads
- 60% lighter than comparable paper bags for easy one-person handling
- Greater pack-out due to single-ply construction
- Weatherproof resistant for open railcar shipments
- Excellent resistance to harsh chemical environments. Contact your local representative for additional information.
- High burst strength to withstand extreme shipping conditions
- For lateral and longitudinal railcar bracing

New SuperFlow™ Inflation System

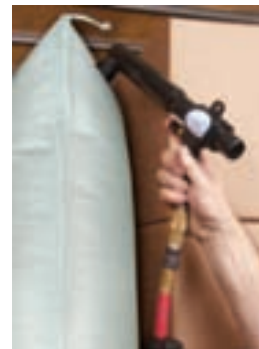
- High speed of inflation
- The valve flapper allows an initial inflation of the bag to spread the load, then the bag can be removed to reduce the void with honeycomb panels. The bag is then re-positioned for final inflation.
- Patented design valve flapper can be locked open for fast deflation
- Consistent inflation achieved by setting desired pressure at the air-line regulator
- “Venturi” or blow back effect ensures internal pressure to never exceed pre-set pressure preventing the bag from bursting due to over inflation



SuperFlow™ Valve



SuperFlow™ Inflator



Proper inflation ensures maximum load security.

Proven Products.

Product Specifications

- Industry applications: Rolls of paper, bricks, flat glass, plywood, OSB, lumber, steel, and particleboard
- Available with disposable FastFill valve or reusable SuperFlow™ valve



FastFill Valve



SuperFlow™ Valve

- Verified under the new AAR Product Performance Profile for Pneumatic Dunnage (PPPPD) guidelines, bulletin#9, effective 7/1/05
- Polywoven Medium Weight meets Level 3 PPPPD for loads between 75,000 and 160,000 lbs.
- Polywoven Heavy Weight meets Level 4 PPPPD for loads between 160,000 and 205,000 lbs.
- Polywoven Heavy Weight meets Level 5 PPPPD for horizontal application in roll paper up to 205,000 lbs.
- Standard sizes are listed below. Other sizes are available. Contact your local representative for details.

| Medium Weight / L3W | | Heavy Weight / L4W & L5W | |
|---------------------|-----------------------|--------------------------|-----------------------|
| Standard U.S. Sizes | Standard Metric Sizes | Standard U.S. Sizes | Standard Metric Sizes |
| 36" x 72" | 900 x 1800mm | 30" x 60" | 750 x 1500mm |
| 48" x 84" | 1200 x 2100mm | 36" x 102" | 900 x 2600mm |
| 48" x 96" | 1200 x 2400mm | 48" x 96" | 1200 x 2400mm |
| 48" x 108" | 1200 x 2700mm | 48" x 102" | 1200 x 2600mm |
| 48" x 120" | 1200 x 3000mm | 48" x 108" | 1200 x 2700mm |
| | | 48" x 120" | 1200 x 3000mm |
| | | 60" x 102" | 1500 x 2600mm |
| | | 60" x 108" | 1500 x 2700mm |

Note: Sizes indicated are nominal dimensions.



Ask for a No-Obligation Load Audit Today!

www.itwshippers.com

Your nearby ITW Shippers representative is the ultimate railcar load damage prevention expert. He is available to evaluate your application and needs, provide load securement solutions, and train your staff to properly use the air bags to prevent loads from being damaged during shipment. Only ITW Shippers keeps an extensive network of seasoned representatives throughout North America ready to quickly get to your location and help you with any shipping challenge.



One more innovation



Proven Professionals.