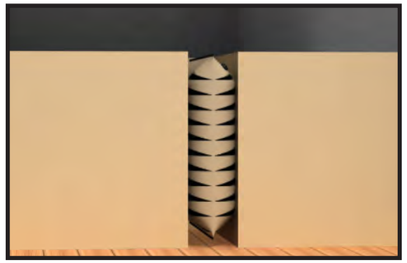
# How to Install Zebra Airbags

**STEP 1:** Position the airbag at least 1 inch above the floor, flush with the rear edge of the load to prevent friction during transit. No part of the airbag should stick out beyond the edge of the load.



**STEP 2:** Attach inflator to valve and squeeze trigger to begin inflation. When air blows out the back of inflator, desired pressure has been achieved. Remove inflator and tightly secure valve cap.

**STEP 3:** Create a bulkhead.

*To Deflate: Simply unscrew cap, gently squeeze bag, and place the airbag into a container for reuse. The weight of additional bags will complete the deflation process.*

Shippers PRODUCTS
Shipment Securement Specialists

## Safety Tips

Always wear safety glasses with side shields.

Do use a filter and regulator on air line.

Protect the airbag when inflating, avoid sharp objects

Use cardboard and plywood to protect airbag on both side whenever possible.

Never use the inflator as a blowgun for cleaning

Never obstruct rear vacuum opening while inflating

Never point inflator towards face or body

Never use folded airbags in voids.

Never use air bags as a leveling device or trailer roof securement.

Never Use Zebra paper Bags in a wet environment.

Shippers PRODUCTS

# Zebra Paper Airbags

*Shippers Products* Zebra Paper airbags have patented zebra stripes to ensure airbags are properly installed and match specific voids. If the Zebra stripes are touching the edges of the void, it is installed correctly- if the stripes are not touching- the void is too large, and additional dunnage may be needed to reduce the void.

Our Double end fold (DEF) Level 1 airbag seams are glued using beads of adhesive glue. A special folding procedure is used on our Level 2-4 airbags, resulting in stronger end seams. Zebra Paper airbags are AAR verified, and best of all, Made in the USA.

Available in Levels 1-4, Abrasion Resistant, and Sewn End, with both Stock and Made to Order sizes. For further details and pricing specials, contact a sales representative today.

CRAFTED WITH PRIDE IN THE USA

**Reusable** — Reusable up to four times for light over-the-road shipments

**Recyclable** — Ink is water-soluble and biodegradable, simplifying the recycling process

**Economical** — Inexpensive damage prevention that can be used in diverse markets

**AAR Verified** — Thoroughly tested and verified by the Association of American Railroads

Super Flow Inflator- for use with our lightweight Zebra Airbags

Fast Fill Inflator with Mouse Tip for use with our Heavyweight Zebra Airbags

# Which airbag is right for me?

Shippers provides 6 Zebra Paper airbag types in Levels 0-4. Which airbag is right for you depends on a number of factors such as load weight, product type, shipping method, and loading method. To determine which airbag is right for you, contact a sales rep for a no obligation load audit.

Airbags are classified into two categories: lightweight and heavyweight.

**LIGHTWEIGHT AIRBAGS**- Level 0-1 airbags are sometimes referred to as LIGHTWEIGHT airbags and are primarily used as lateral void filler in boxcars, trailers and containers. There are additional durable LIGHTWEIGHT airbags without Level 1 verification whose primary use is limited to over-the-road truck application.

**HEAVYWEIGHT AIRBAGS-** Level 2-4 airbags are referred to as HEAVYWEIGHT airbags and are used as lengthwise void filler in boxcars with payload weight ranging from less than 75,000 lbs to as high as 205,000 lbs.

| | Lightweight | | | Heavyweight | | |
|---|---|---|---|---|---|---|
| ***Airbag Type*** | Abrasion Resistant | Sewn End | Level 1 | Level 2 | Level 3 | Level 4 |
| ***Load capacity*** | less than 45,000 lbs | less than 45,000 lbs | less than 45,000 lbs | less than 75,000 lbs | 75,000 lbs - 160,000 lbs | 160,000 lbs - 205,000 lbs |
| ***AAR verified*** | | | ✓ | ✓ | ✓ | ✓ |
| ***Max PSI*** | 2.0 | 2.0 | 3.0 | 5.0 | 8.0 | 10.0 |
| ***Transportation Mode*** | Truck | Truck | Truck<br>Intermodal<br>Sea container | Truck<br>Intermodal<br>Sea container | Rail<br>Vessel | Rail<br>Vessel |

**100% Recyclable and made from 100% virgin fiber**

Shippers PRODUCTS

# ZEBRA PAPER AIRBAGS

**STOCK SIZES** & **Made to Order** sizes available

## ZEBRA ABRASION RESISTANT

| size in | size mm | part # |
|---|---|---|
| 36x36 | 900 x 900 mm | AR36036SF |
| 36x48 | 900 x 1200 mm | AR36048SF |
| 36x66 | 900 x 1600 mm | AR36066SF |
| 36x84 | 900 x 2100 mm | AR36084SF |
| 48x48 | 1200 x 1200 mm | AR48048SF |
| 48x84 | 1200 x 2100 mm | AR48084SF |
| 48x96 | 1200 x 2400 mm | AR48096SF |

## ZEBRA SEWN END

| size in | size mm | part # |
|---|---|---|
| 24X36 | 600 x 900 mm | SE24036SF |
| 36X36 | 900 x 900 mm | SE36036SF |
| 36X48 | 900 x 1200 mm | SE36048SF |
| 36X66 | 900 x 1700 mm | SE36066SF |
| 36X84 | 900 x 2100 mm | SE36084SF |
| 48X48 | 1200 x 1200 mm | SE48048SF |
| 48X60 | 1200 x 1500 mm | SE48060SF |
| 48X84 | 1200 x 2100 mm | SE48084SF |
| 48X96 | 1200 x 2400 mm | SE48096SF |

## ZEBRA LEVEL 1

| size in | size mm | part # |
|---|---|---|
| 36X36 | 900 x 900 mm | DEF36036SF |
| 36X48 | 900 x 1200 mm | DEF36048SF |
| 36X66 | 900 x 1700 mm | DEF36066SF |
| 36X72 | 900 x 1800 mm | DEF36072SF |
| 36X84 | 900 x 2100 mm | DEF36084SF |
| 36X96 | 900 x 2400 mm | DEF36096SF |
| 48X48 | 1200 x 1200 mm | DEF48048SF |
| 48X60 | 1200 x 1500 mm | DEF48060SF |
| 48X72 | 1200 x 1800 mm | DEF48072SF |
| 48X84 | 1200 x 2100 mm | DEF48084SF |
| 48X96 | 1200 x 2400 mm | DEF48096SF |

## ZEBRA LEVEL 2

| size in | size mm | part # |
|---|---|---|
| 36x36 | 900 x 900 mm | L2P36036FF |
| 36x48 | 900 x 1200 mm | L2P36048FF |
| 36x66 | 900 x 1700 mm | L2P36066FF |
| 36x72 | 900 x 1800 mm | L2P36072FF |
| 36x84 | 900 x 2100 mm | L2P36084FF |
| 48x48 | 1200 x 1200 mm | L2P48048FF |
| 48x60 | 1200 x 1500 mm | L2P48060FF |
| 48x72 | 1200 x 1800 mm | L2P48072FF |
| 48x84 | 1200 x 2100 mm | L2P48084FF |
| 48x96 | 1200 x 2400 mm | L2P48096FF |
| 48x108 | 1200 x 2700 mm | L2P48108FF |

## ZEBRA LEVEL 3

| size in | size mm | part # |
|---|---|---|
| 36x48 | 900 x 1200 mm | L3P36048FF |
| 36x60 | 900 x 1500 mm | L3P36060FF |
| 36x72 | 900 x 1700 mm | L3P36072FF |
| 36x84 | 900 x 2100 mm | L3P36084FF |
| 36x96 | 900 x 2400 mm | L3P36096FF |
| 36x102 | 900 x 2600 mm | L3P36102FF |
| 48x48 | 1200 x 1200 mm | L3P48048FF |
| 48x60 | 1200 x 1500 mm | L3P48060FF |
| 48x72 | 1200 x 1800 mm | L3P48072FF |
| 48x84 | 1200 x 2100 mm | L3P48084FF |
| 48x96 | 1200 x 2400 mm | L3P48096FF |
| 48x108 | 1200 x 2700 mm | L3P48108FF |
| 48x120 | 1200 x 3000 mm | L3P48120FF |

## ZEBRA LEVEL 4

| size in | size mm | part # |
|---|---|---|
| 36x60 | 900 x 1500 mm | L4P36060FF |
| 36x84 | 900 x 2100 mm | L4P36084FF |
| 36x96 | 900 x 2400 mm | L4P36096FF |
| 36x102 | 900 x 2600 mm | L4P36102FF |
| 48x48 | 1200 x 1200 mm | L4P48048FF |
| 48x60 | 1200 x 1500 mm | L4P48060FF |
| 48x72 | 1200 x 1700 mm | L4P48072FF |
| 48x84 | 1200 x 2100 mm | L4P48084FF |
| 48x96 | 1200 x 2400 mm | L4P48096FF |
| 48x108 | 1200 x 2700 mm | L4P48108FF |
| 48x120 | 1200 x 3000 mm | L4P48120FF |