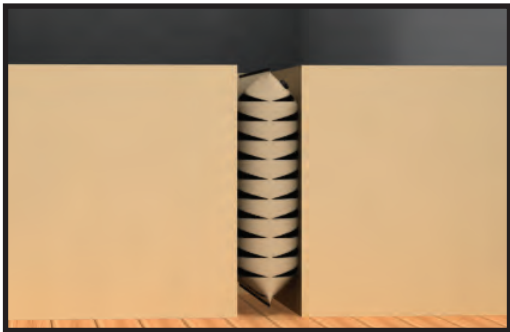


How to Install Zebra Airbags

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.



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.



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. ITW 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.





Simple to Inflate

Easy to Deflate



Superflow valve on lightweight airbags deflates in seconds

Patented Zebra Stripes ensure proper installation

End seams are glued using multiple beads of adhesive and special folding procedure



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

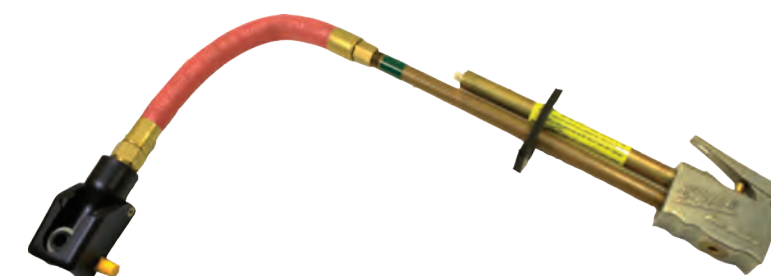


AAR Verified

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.



Truck



Intermodal



Sea Container



Vessel



Rail

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.

	Lightweight			Heavyweight		
<i>airbag type</i>	Abrasion Resistant	Sewn End	Level 1	Level 2	Level 3	Level 4
<i>Load capacity</i>	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
<i>AAR verified</i>			✓	✓	✓	✓
<i>Max PSI</i>	2.0	2.0	3.0	5.0	8.0	10.0
<i>Transportation Mode</i>	Truck	Truck	Truck Intermodal Sea container	Truck Intermodal Sea container	Rail Vessel	Rail Vessel

100% Recyclable and made from 100% virgin fiber



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