



Bates Reuse

Paper dunnage bag

Prevent cargo damage

With 40 years experience we know how to protect your goods in trucks, containers, ships and rail wagons.

Reliable performance

Made from two layers of quality paper from FSC certified suppliers & an inner PE film bladder, ensuring an ultimate airtight seal. Made in Denmark.

Time & cost saving

Quick and safe installation.
Clean and cost effective.
Fast loading for shipper.
Fast unloading for receiver.
Airbags can be reused numerous times.

Fast & simple inflation

Operator friendly inflation using compressed air.
Unique Reusable valve which allows quick inflation and deflation of the airbag.

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Reuse is used to secure cargo which is to be transported by sea, container, rail or road and is at risk of being exposed to loads up to 14 tons. Reuse is equipped with the patented Reuse valve which allows for very quick inflation and quick deflation. The airbags can be used numerous times and have no loose parts. Reuse is available in seven sizes and comes in handy box quantities and are easy to store.

Benefits and features

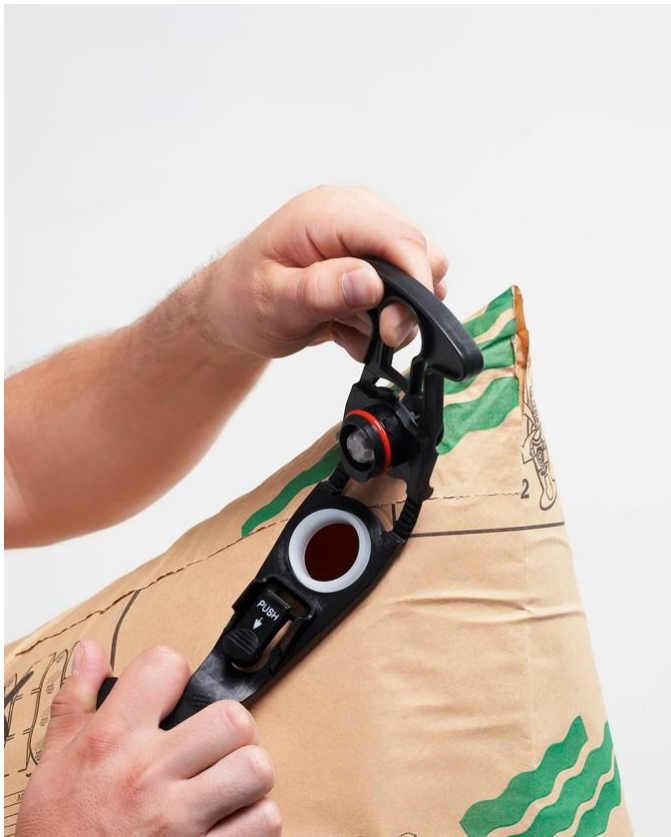
- Maximizes load security**
 Filling the void by inflating the airbag, secures the goods during transport all the way from the sender to the receiver. Clean, simple and easy to use.
- Reduces loading & unloading time**
 Placing the airbags is a very fast and time saving way of securing your goods before departure. And when unloading the goods the airbags are simply deflated by opening the valve.
- Environmentally friendly materials**
 Entirely made from environmentally friendly materials. High wet strength due to the choice of materials and composition. Can withstand up to 90%relative humidity (RH) at 60°C.



Reusable valve system



Reuse airbag inflated in position



Large opening for quick deflation

Inflation Time

Size in cm	60x110	100x220
Standard Inflation	11 sec	46 sec
Quick Inflation	8 sec	35 sec
Deflation	11 sec	43 sec

Inflation
 We recommend that the Bates Quick or Standard Inflator is used to inflate the airbags. After inflation push the stopper fully into the valve to seal. The airbag must not come into contact with sharp or pointed objects and should be kept min. 5cm clear of the floor to avoid contact with water or other liquids. The table shows filling time based on a 3/4" hose and a pressure of 4 bar (56 psi).

Deflation
 The airbag is deflated by pushing down the push-button which opens the valve and releases the air. The airbag can then be removed from the load, rolled up ready to be reused. It is very important to close the valve after deflating, so the valve is protected against damages and dirt.



Reuse valve



Inflation with Standard Inflator



Inflation with Quick inflator

Packaging Specifications

Size in cm	60x110	85x120	100x120	100x150	100x185	100x220	120x240
Item Number	711430	711435	711455	711460	711470	711490	711495
Pcs per Carton	40	30	25	20	20	15	15
Pcs per Pallet	320	240	200	160	160	120	120
Gross Weight per Carton	18.5	15.9	19.7	19.4	23.2	20.7	33.9
Gross Weight per Pallet	160	135	170	167	198	178	294

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Working Pressure & Strength

Technical Specifications

Size in cm		60x110	85x120	100x120	100x150	100x185	100x220	120x240
Load in Tons in a Gap of:	10cm	3.5	6,5	7.0	9.0	12.0	14.0	14.9
	20cm	1.5	3.4	4.0	5.5	7.0	9.0	10.1
	45cm			0.5	0.9	1.2	1.5	3.0
Max Gap in cm		25	37	45	45	45	45	55

*All specifications are provided in metric tons

The maximum load depends on the size of the airbag and the gap between the cargo. The table above shows what load the various sizes of airbags can withstand in a gap from 10 to 45cm. For example, if there is a gap of 10cm and an airbag of the size 120 x 240cm is used, the airbag can withstand a load of 14.9 metric tons.

Working pressure

The maximum recommended working pressure is 0,25 bar (3,6 psi). Compared with the high bursting pressure this gives a security margin of factor 3-8 depending on the gap. If changes in temperature, you should take into consideration the following:

- If the air in the airbag becomes significantly colder after inflation, the pressure in the airbag drops. It is possible to compensate for this during inflation by increasing the working pressure slightly.
- If the air in the airbag becomes significantly warmer after inflation, the pressure in the airbag increases. It is possible to compensate for this during inflation by reducing the working pressure slightly .
- Consideration should also be given to the working pressure at different altitudes, from high to low and low to high.

During inflation consideration should of course be given to whether the cargo and packaging can withstand the selected working pressure.

Certified Manufacturing Plant

ISO 9001 Quality Management System



Produced using sustainable energy



Distributor:

BATES CARGO-PAK®
A SIGNODE BRAND

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