## **Atlantic Dunnage Bag Range**

		BISON	LEVEL I	LEVEL II	LEVEL III & IV	LEVEL V
		2 PSI* / 0,138 bar*	3 PSI* / 0,2 bar*	4 PSI* / 0,276 bar	8 PSI* / 0,551 bar	10 PSI* / 0,689 bar
inches	cm					
23,5" x 23,5"	60 cm x 60 cm	<i>,</i>	/			
23,5'' x 30''	60 cm x 76 cm	<b>√</b>	<b>✓</b>			
23,5" x 36"	60 cm x 91 cm	<b>√</b>	/			
23,5" x 43"	60 cm x 110 cm	<i>'</i>	/			
23,5" x 48"	60 cm x 122 cm	<i>\</i>	/			
23,5" x 60"	60 cm x 152 cm	<b>✓</b>	/			
23,5" x 72"	60 cm x 183 cm	<i></i>	/			
23,5" x 79"	60 cm x 200 cm	<b>√</b>	/			
23,5" x 84"	60 cm x 213 cm	<i>\</i>	/			
23,5" x 96"	60 cm x 244 cm	<b>√</b>	/			
23,5" x 102"	60 cm x 259 cm	<i></i>	/			
23,5" x 108"	60 cm x 274 cm	<b>√</b>	/			
23,5" x 115"	60 cm x 292 cm	<i></i>	/			
23,5" x 120"	60 cm x 305 cm	<b>√</b>	/	,		,
30" x 30"	76 cm x 76 cm	<i>,</i>	/	<b>√</b>	<b>√</b>	<b>√</b>
30" x 36"	76 cm x 91 cm	/	/	<b>√</b>	<b>√</b>	<i>'</i>
30" x 48"	76 cm x 122 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<i>\</i>
30" x 60"	76 cm x 152 cm	<i>\</i>	/	✓ ✓	✓ /	<i>y</i>
30" x 72"	76 cm x 183 cm	<i></i>	/	<i></i>	<i>,</i>	<i>y</i>
30" x 84"	76 cm x 213 cm 76 cm x 244 cm	/	/	✓ ✓	✓ ✓	✓ ✓
		<b>√</b>		<b>√</b>	<b>√</b>	<b>√</b>
30" x 102"	76 cm x 259 cm	<b>√</b>	/	<b>√</b>	✓ ✓	<i>y</i>
30" x 108"	76 cm x 305 cm	<b>/</b>	/	<b>√</b>	<b>√</b>	<b>√</b>
30" x 120" 36" x 36"	91 cm x 91 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<i>y</i>
36" x 48"	91 cm x 122 cm	<b>√</b>	/	· /	<b>√</b>	<b>√</b>
36" x 60"	91 cm x 152 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<b>√</b>
36" x 66"	91 cm x 168 cm	<b>√</b>	/		<b>√</b>	<b>√</b>
36" x 72"	91 cm x 183 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<b>√</b>
36" x 84"	91 cm x 213 cm	<b>√</b>	/	· /	<b>√</b>	<b>√</b>
36" x 86"	91 cm x 220 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<i>'</i>
36" x 96"	91 cm x 244 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<b>√</b>
36" x 102"	91 cm x 259 cm	<b>√</b>	/	<b>√</b>	/	/
36" x 108"	91 cm x 274 cm	<b>√</b>	/	<b>√</b>		<i>'</i>
36" x 120"	91 cm x 305 cm	<i>'</i>	/	<i>'</i>	/	<i>'</i>
36" x 132"	91 cm x 335 cm	<b>√</b>	/	<b>√</b>		<i>'</i>
46,5" x 48"	118 cm x 122 cm	· /	,	· /		· /
46,5" x 60"	118 cm x 152 cm	<b>√</b>	/	<i>'</i>	<b>√</b>	<i>'</i>
46,5" x 72"	118 cm x 183 cm	<b>√</b>	/	<b>√</b>	<i>'</i>	<i>'</i>
46,5" x 84"	118 cm x 213 cm	<b>√</b>	/	, /	<i>,</i>	<i>'</i>
46,5" x 86"	118 cm x 220 cm	<b>/</b>	1	/	/	1
46,5" x 90"	118 cm x 228 cm	<i>'</i>	/	<b>√</b>	<b>√</b>	/
46,5" x 91"	118 cm x 230 cm	/	/	· /		· /
46,5" x 96"	118 cm x 244 cm	<b>√</b>	/	<b>√</b>	<i>'</i>	<i>'</i>
46,5" x 102"	118 cm x 259 cm	/	/	· /		/
46,5" x 108"	118 cm x 274 cm	1	/	· /	<i>,</i>	/
46,5" x 120"	118 cm x 305 cm	/	/	· /		/
46,5" x 132"	118 cm x 335 cm	1	/	· /	<i>'</i>	/
57,5" x 60"	146 cm x 152 cm	· /	/	· /		/
57,5" x 72"	146 cm x 183 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<i>'</i>
57,5" x 84"	146 cm x 213 cm	/	/	· /		/
57,5" x 96"	146 cm x 244 cm	· /	/	<b>√</b>	<b>√</b>	
57,5" x 102"	146 cm x 259 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<b>√</b>
57,5" x 102	146 cm x 274 cm	<b>/</b>	/	<b>√</b>	<b>√</b>	
57,5" x 120"	146 cm x 305 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<b>√</b>
	146 cm x 335 cm	<b>√</b>	/	<b>√</b>	<b>√</b>	<b>√</b>
57,5'' x 132''						





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## **Air Bags**



Air bags are the convenient way to protect your goods from being damaged during shipping. They have an outstanding load stabilizing capacity and resistance to load shifting,

#### Bison Bags

Bison bags form the shape of a pillow when they are inflated. They are designed for light duty and are mainly used in Truck shipments. These bags are more economical compared to Level 1 bags and are not AAR certified.

#### Standard Level Bags

Standard bags also form the shape of a pillow when they are inflated. They are utilized between the voids that are up to 12" (30cm) wide. They are manufactured in 4 different levels: L1, L2, L3&4, and L5 encompassing a wide range of dimensions and are AAR certified. L1 bags can be produced with our patented Safe-Lock, Jetflow or Combo valves, for higher levels we use Safe-Lock or Combo valves.

#### Square Bags

square airbag was designed and created to serve as the primary function of bracing products with a void space greater than 12 inches wide, which cannot be filled with standard dunnage bags. These bags are also reusable which is mirrored through our entire product range. Our square bags are produced to be capable of bracing loads without the need for additional dunnage material. Even though manufactured with moisture resistant material and an extremely durable outer shell, it is not suitable for heavy duty purposes but is accredited to the AAR standard.

#### Multi-Layer Bladder Bag

a unique designed to prevent the air leakages caused by pinholes, minor scratches or cuts. The units are manufactured utilizing a state of the art fully automated production process. Lighter duty bags are produced using 2 layers of film, whereas heavy duty bags utilize 4 layers of film on each side. All outer layers protect the inner layers from external damage.

### **Innovation**

			Poly-Woven Dunnage Bag Levels		
Bison Bag	Level 1	Level 2	Level 3&4	Level 5	
	PAP	ER EQUIVAL	. E N T		
2 Ply	2 Ply	4 P.y	8 Ply	N/A	
	TRANSP	ORTATION	METHOD		
Truck	Truck/Container	Truck/Container/Rail	Rail/Ocean	Rail/Ocean	
Vertical or Horizontal in Lateral Voids	Vertical or Horizontal in Lateral Voids	Vertical or Horizontal	Vertical Position in Void	Horizontal Position in Void	
2-3 PSI Max. Air Pressure	2-3 PSI Max. Air Pressure	6 PSI Max. Air Pressure	8 PSI Max. Air Pressure	10 PSI Max. Air Pressure	

#### Combo Inflation System

Combo valves are designed as a combination of Jetflow and Safe-Lock valves which have the fast fill advantages of Jetflow and the durability of Safe-Lock valves. The valves are spring loaded and can be used for all levels of production. They are reusable. Combo Inflator tips are perfectly designed to fit Combo valves and can resist high pressures. They can be easily snapped on to the valve by pressing against a wall. The units are designed to be used with both Dunnage Mini Jetflow and Monster air guns, however, other air guns may also be used when connected by an air hose. Combo Inflator tips are produced from a rigid hard plastic material although an aluminum version is also available for heavy duty use.





#### Vacuum Packaging System

New vacuum packaging system into world markets to minimize the transportation and storage costs by increasing the number of bags per pallet. We now have the ability to provide our customers with the highest pallet count within the industry.

#### **UPC** Barcode

#### **Universal Product Code**

UPC barcode system to identify its pallets ready for dispatch. A UPC barcode label is placed on each pallet box. The Universal Product Code (UPC) is the barcode symbolology that is widely used in the United States, Canada, United Kingdom, Australia, New Zealand and in other countries for tracking trade items in stores. UPC consists of 12 numerical digits that are uniquely assigned to each trade item. Along with the related EAN barcode, the UPC is mainly used for scanning of trade items at the point of sale per GS1 specifications. UPC data structures are a component of GTINs and follow the global GS1 specification, which is based on international standards.

## Why Dunnage Bags?







#### **Avoids Accidents**

Load shifting is one of the main causes of accidents during transportation. You can minimize the risks by bracing the loads in place with dunnage bags. Dunnage bags protect your goods from first point of packing then onto their destination, thus ensuring customer satisfaction.

#### **Cost Saving**

Dunnage bags are inexpensive compared to other load securing techniques. In addition, Dunnage bags are reusable (for non-rail applications in USA).

#### Easy To Use

Dunnage bags can easily be aired up in few seconds by using compressed air and an inflator tool. No special skills are required, simply follow instructions printed on the bags. Minimum physical effort is required. They can easily be deflated by opening the valve, without needing to puncture.

#### Safe

Our bags are produced under ISO 9001 standards and certified by the Association of American Railroads (AAR). Strict quality controls are carried out at every stage of production.

#### Ligthweight & Water Proof

Dunnage bags are easy to handle, light in weight, takes up less space and are resistant to moisture and water ingress.

#### Take Shape To Odd Canfigurations

Dunnage bags are flexible, allowing you the advantages of filling every shape up to 18", this shape is much larger compared to the paper dunnage bags which can only fill a void up to 14".

#### **Environmentally Friendly**

Dunnage bags are produced from 100% recyclable virgin materials.

#### Liability

Dunnage bags are insured against damage or injury of your products and third parties.