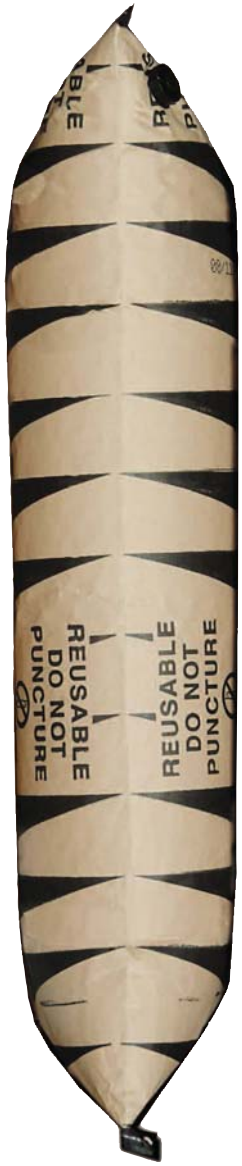
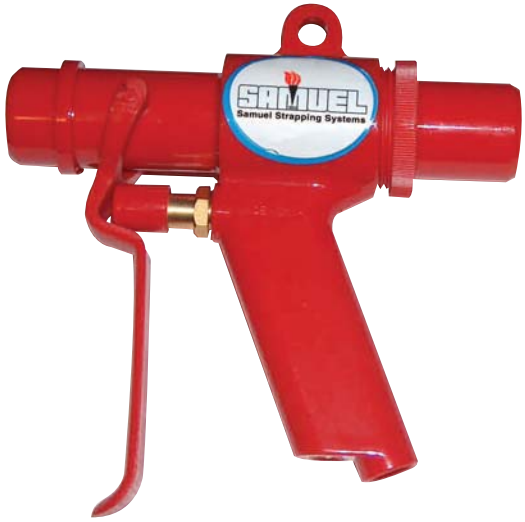
SAMUEL 1855
Samuel Strapping Systems

SUPERFLOW AIRBAG SYSTEM

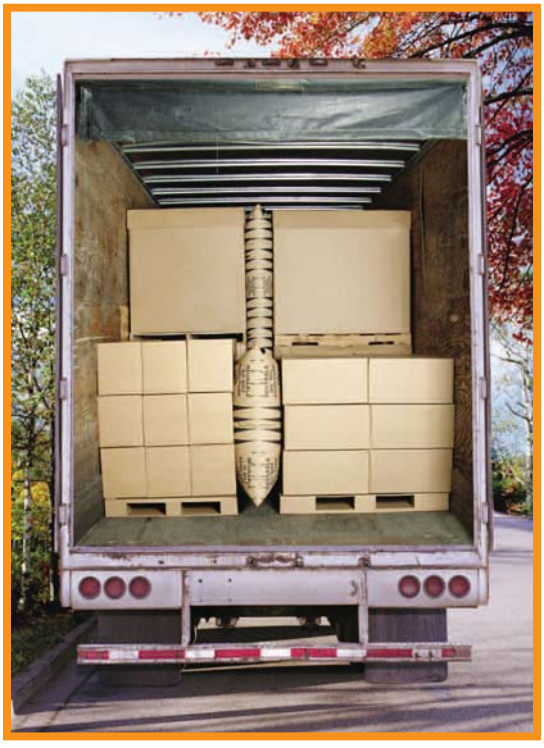
THE NEW STANDARD FOR DAMAGE PREVENTION AND LOAD SECUREMENT





Features

- Fast
- Consistent
- Reusable
- Cost effective



Samuel Strapping Systems
Packaging and Unitizing Solutions
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SAMUEL'S SUPERFLOW AIR BAG

FAST, EASY AND COST EFFECTIVE SYSTEM FOR REDUCING LOAD DAMAGE

The SuperFlow system efficiently secures loads in trailers, railcars, vessels and ocean containers. Its reusable design enables you to maximize your load securement dollars by reusing the same air bag multiple times where allowable. It's also 100% recyclable, making it the environmentally friendly choice for securing your loads.

Without A Load Securement System

With Samuel SuperFlow Air Bags

The Valve

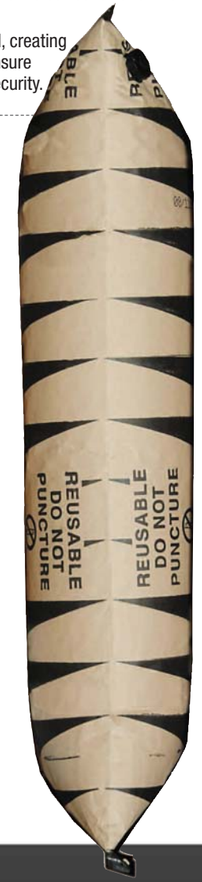
- Large diameter opening enables quick inflation.
- Blue flap depresses for rapid deflation.
- Easy to lock/unlock cap prevents air loss and eliminates the pulling, pushing or twisting typically required to seal other valves.

The Inflator

- Revolutionary design prevents over-inflation.
- Eliminates risk of the bag bursting during inflation.

The Air Bag

- Manufactured with high-quality kraft paper.
- Zebra stripes allow operators to determine whether the bag is the correct size for the void.
- Braces your load, creating a bulkhead to ensure optimum load security.

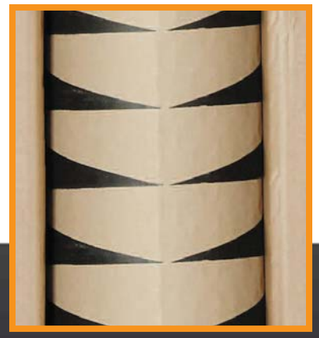


Fast

- A 48" x 48" air bag can be inflated in only 8 seconds.
- The SuperFlow inflator is unique, utilizing both compressed and ambient air (Venturi Effect), enabling it to achieve unparalleled inflation speeds.
- The large diameter of our patented valve significantly reduces inflation and deflation time.
- The patented valve design allows the blue valve flapper to be manually depressed and locked open for fast deflation.
- The inflator and valve are quickly connected and securely locked to prevent air loss.

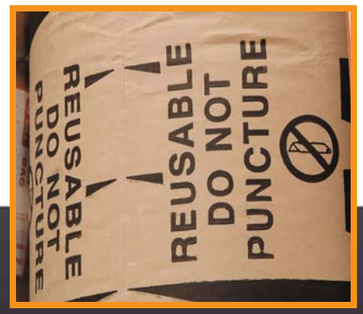
Consistent

- By setting the desired pressure on the air line regulator, you can achieve consistent inflation. No more over-inflated or under-inflated air bag.
- Once the desired level of air pressure has been achieved, the SuperFlow inflator ceases to inflate the air bag. This reverses the air flow and redirects it out the back of the inflator. This also indicates to the operator that the bag is properly inflated, preventing over-inflation.
- The SuperFlow air bag prevents load shifting, reducing the risk of load damage and operator injuries. The Zebra stripes on the air bag help operators to determine whether the correct air bag size is being used in the void, ensuring maximum load security.



Reusable

- By pushing our unique, patented blue valve flapper, operators can quickly deflate the air bag and store it for reuse.



Cost Effective

- The SuperFlow air bag can be used multiple times, significantly reducing the cost per use.
- The SuperFlow air bag can be inflated in less than half the time of the competition, enabling your operators to spend less time securing loads. This improves your operation's efficency and reduces labor costs.
- Quick deflation reduces labor costs at the receiving end.

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SUPERFLOW AIRBAG SYSTEM

SAMUEL SUPERFLOW SAFETY & OPERATION INSTRUCTIONS

Prior to connecting the inflator to hose, wrap threads (1/4 NPT) with Teflon tape. Screw on inflator until tight.

Set compressor regulator to appropriate settings (see chart below). Additional assistance is available from a Samuel Representative.

Position the air bag at least 1" above the floor to keep if from rubbing in transit.

Squeeze trigger to begin inflation. When air blows out of the back of the inflator, desired pressure has been achieved.

Remove inflator and attach valve cap. Ensure that cap is tightly secured.

Create a bulkhead. The air bag is properly installed when Zebra stripes touch lading. If stripes show, and you can read the warning "if you can read this, the void is too large", deflate air bag and reduce the void.

To deflate, simply unscrew cap and gently press blue flapper to release air.

Place air bag into container. Weight of additional air bags will complete deflation process.

Input Pressure	Insert#1 Output	Insert #2 Output	Insert#3 Output
40 psi	0.5 lbs	1.0 lbs	
50 psi	0.7 lbs	1.4 lbs	3.4 lbs
60 psi	1.0 lbs	1.6 lbs	4.2 lbs
70 psi	1.1 lbs	2.0 lbs	5.2 lbs
80 psi	1.3 lbs	2.3 lbs	6.2 lbs
90 psi	1.5 lbs	2.9 lbs	7.2 lbs
100 psi	1.8 lbs	3.5 lbs*	8.2 lbs
110 psi	2.0 lbs	4.0 lbs*	9.0 lbs
120 psi	2.3 lbs	4.5 lbs*	10.0 lbs
	Black	Yellow	White/Red

**Only for type 400 air bags.*

Warning: Failure to follow these instructions could result in serious personal injury and/or product damage.

SAS-05/11-95602

Do's:

- Use filter and regulator on air line.
- Position the air bag approximately 1" above the floor to keep it from rubbing in transit.
- Position the air bag in the void, flush with the rear edge of the load. No part of the air bag should stick out beyond the edge of the load.
- Protect the air bag when inflating. Avoid sharp objects and pinch points. Use cardboard and/or plywood to protect air bag on both sides whenever possible.
- Always wear safety glasses with side shields that conform to ANSI standard Z87.1 or EN166.

Don'ts:

- NEVER use inflator as blowgun for cleaning.
- NEVER obstruct rear vacuum opening while inflating.
- DO NOT point inflator towards face or body.
- DO NOT use folded air bags in voids.
- DO NOT use air bag as a leveling device.
- DO NOT use air bags between the top of the load and the trailer roof.
- DO NOT place air bags between the load and trailer door.
- DO NOT use paper air bag in wet environment.

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