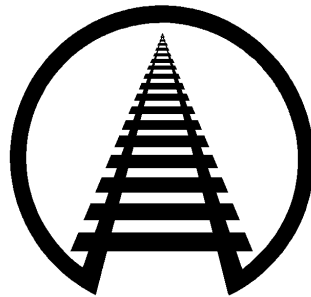


General Information Series No. 811

Plastic Intermediate Bulk Containers with Disposable Inflatable Dunnage Bags – Horen®

(CCLG Part 7, Section 6.11-New)

Approved by
DAMAGE PREVENTION & FREIGHT CLAIM COMMITTEE
Association of American Railroads



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GENERAL RULES

The General Rules relating to personal safety and the safe operation of trains, contained in AAR Circular Nos. 42-M and 43-G or supplements thereto, issued by the Association of American Railroads, **must be observed**.

These loading rules and/or practices apply to shipments transported in the USA, Canada and Mexico.

The loading methods in individual closed car loading publications issued by the Damage Prevention and Loading Services Section of the Association of American Railroads are minimum standards that have been evaluated and approved. These minimum standards offer practical guidelines on the subjects covered. Since these are minimum standards, it may be necessary to supplement these methods in some instances.

Securement standards in AAR closed car loading publications are intended for safe transit of the rail car from origin to destination and prevention of lading and equipment damage. These standards do not address unloading practices.

This approval may be withdrawn if the loads using these methods exhibit consistent load failure during actual shipments.

*Loading and bracing methods not presently approved may receive consideration for approval and publication under Section II - Evaluation of New Loading and Bracing Methods and Materials for Closed Cars, Trailers or Containers of **General Information Bulletin No. 2, “Rules and Procedures for Testing of New Loading and Bracing Methods or Materials”**. Submit requests to Director Damage Prevention and Loading Services, AAR/TTCI, 55500 DOT Road, Pueblo, CO 81001.*

CAUTION: Car rocking motion caused by the lift equipment entering and/or exiting the rail car may cause unsupported packages or articles with a higher center of gravity to fall to the floor. Minimize access to the car. Exercise caution when inside a partially loaded car. Lift operators should stay on lift equipment, whenever possible, while inside a partially loaded car.

GENERAL

Cars must be inspected by shipper at loading point to verify that cars are in suitable condition to carry load safely to destination. Cars must have sound roofs, sides, floors and end walls; and operable, snug-fitting doors.

It is important that boxcars are clean and free from protruding nails, brads, staples, temporary anchor plates, fragments of steel strap, old blocking etc. Some projections of lining or anchor devices may require covering with sheets of corrugated fiberboard taped in place.

Referenced paragraphs may be found in the Closed Car Loading Guide (CCLG) Part 7, *Minimum Loading Standards for Intermediate Bulk Containers in Closed Car, June 2014*.

General Information Series No. 811

Plastic Intermediate Bulk Containers with Disposable Inflatable Dunnage Bags – Horen®

6.11.5 Load three rows of containers with their 48 in. dimension crosswise to the car. Place one 4 in. honeycomb void filler (1,500 PSF crush strength) between stacks 3 and 4 in each end of the car.

6.11.6 Place one 1 in. honeycomb filler panels between the boxcar sidewall and the bins in the 5th stack from each end of the car.

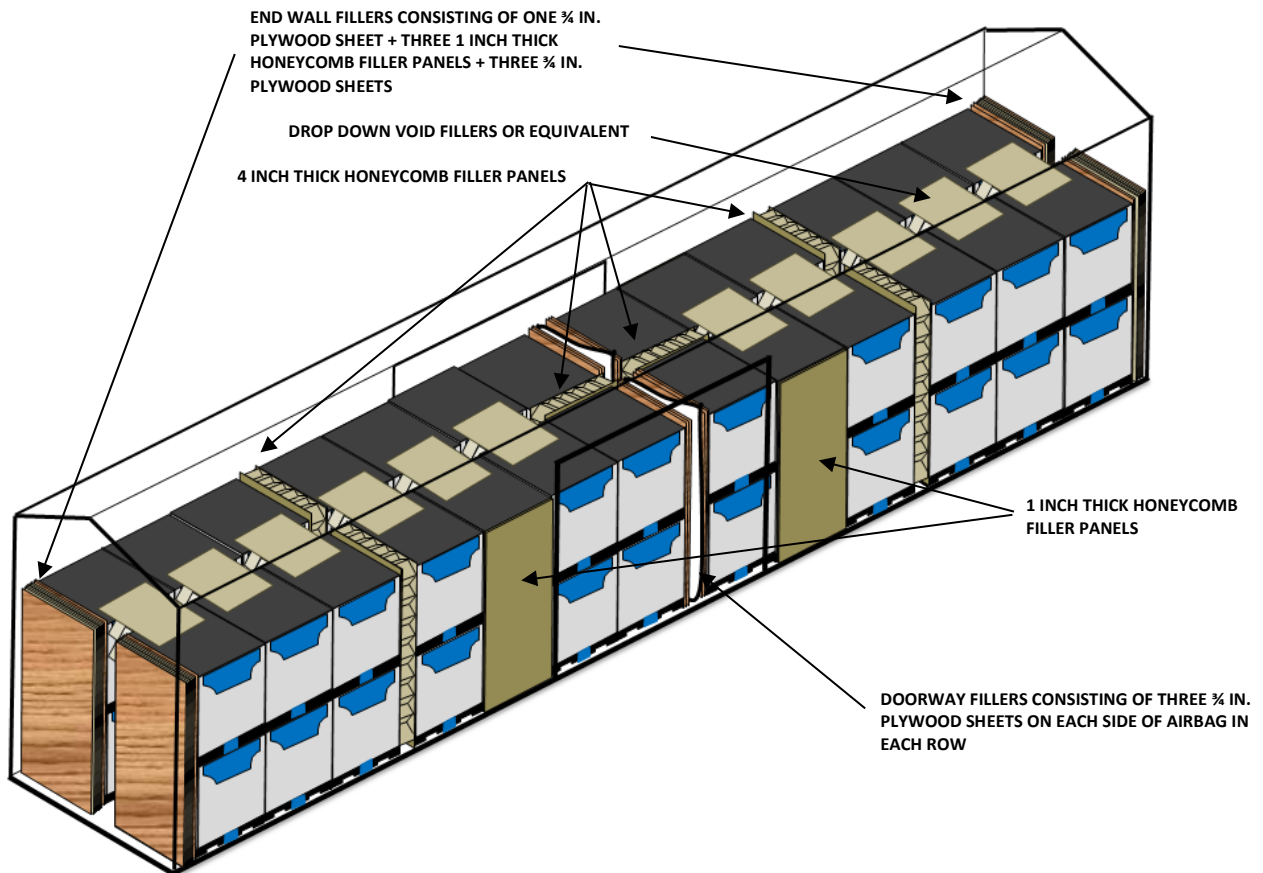


Figure 2 - Plastic intermediate bulk containers with dunnage bags

6.11.6 Fill all crosswise voids at each end of the car with void fillers having a minimum compression strength of 500 lb/ft². Void fillers must fit tightly between the containers to prevent lateral shifting. Crosswise void fillers, drop-down filler type, must fully brace the top layer containers and 30% (minimum) of the bottom layer containers. Use three 4 in. thick honeycomb panels to fill the crosswise void in the doorway area between containers, see Figure 2.

6.11.7 Fill the remaining lengthwise space in each row in the doorway with three 3/4 in. sheets of plywood on each side of an AAR approved 48 in. × 84 in. pneumatic dunnage bag of a level appropriate for the weight of the load. Inflate to 3.0 psi. The space filled by the airbag should be no more than 12 inches after inflation.

General Information Series No. 811

Plastic Intermediate Bulk Containers with Disposable Inflatable Dunnage Bags – Horen®

General Information Series Publications

- 749 50 in. Diameter Roll Paperboard in 50 ft. Cushioned Boxcars with Horizontal Airbags (8/16)
- 752 Large Diameter Paper Rolls in 60 ft. Cushioned Boxcars with Anchored Straps (10/16)
- 753 60 in. Diameter Roll Paperboard in 60 ft. Boxcars with Doorway Stacks on Risers (10/16)
- 754 Wood Bins Braced by Disposable Inflatable Dunnage Bags and Lengthwise Fillers (CCLG Part 7, Section 6.3 Revised 10/16)
- 755 55-Gallon Steel Drums on Pallets Secured with Cordstrap® Barriers in 40-ft ISO Containers (Nonhazardous Materials only) (Intermodal Loading Guide Method I-6) (new 11/16)
- 758 58 in. Diameter Roll Pulpboard with an Incomplete Second Layer Loaded On End (Former Pamphlet No. 39, Method 11) (2/17)
- 759 Revision to Paragraph 2.5, Distribution of Weight Crosswise in Cars, CCLG Part 10, Primary Metals (2/17)
- 760 Incomplete Layers of Plywood Secured in Boxcars with Nonmetallic Straps, CCLG Part 3, Plywood (2/17)
- 761 37 in. Diameter Plastic Stretch Wrapped Kraft Rolls Loaded in a Single Layer in 60 ft. Cushioned Boxcars Using Rubber Mats and Lengthwise Filler Panels (3/17)
- 763 Roll Paperboard in Boxcars with Doorway Stacks on Risers and Rubber Mats (6/17) (Cancels GIS 762)
- 765 Wood Bins Braced by Disposable Inflatable Dunnage Bags and Shock-Gard® Lengthwise Void Fillers (7/17)
- 766 45 in. Diameter Roll Paper in 60 ft. Cushioned Boxcars with Double Plug Doors (8/17)
- 768 Gearboxes Mounted on Sleds in 20 ft. Long ISO Containers (9/17)
- 769 42 in. Diameter Roll Paper in 60 ft. Cushioned Boxcars Using Rubber Mats and Airbags (CCLG Part 2, 8.3.2.6) (9/17)
- 770 48 in. Diameter Roll Paper in 50 ft. Cushioned Boxcars Using Horizontal Airbags (CCLG, Part 2, Section 8) (9/17)
- 771 50 in. Diameter Roll Paper in 50 ft. Cushioned Boxcars Using Sidewall Fillers and Horizontal Airbags (CCLG, Part 2, Sections 5.6.10 & 8.2.4.4 Revised) (10/17)
- 772 81 in. Diameter Roll Paperboard in 50 ft. Standard Draft Gear Boxcars with Sliding Doors (CCLG Part 2, Section 8.2.8.1) (10/17)
- 773 42 in. Diameter Roll Paper in 50 ft. Cushioned Boxcars with 12 ft. Doors (CCLG Part 2, Section 8.2.2.5) (12/17)
- 774 48 in. Diameter Roll Paper in 60 ft. Cushioned Boxcars with 16 ft. Double Doors (CCLG Part 2, Section 8.3.4.5) (12/17)
- 776 45 in. Diameter Roll Paper in 50 ft. Cushioned Boxcars with 12 ft. Doors (CCLG Part 2, Section 8.2.3.8) (2/18)
- 778 Split Loads of 58 in. Diameter Roll Pulpboard on End Using Rubber Mats when Stowed in Trailers Having Large Metal Plates Approximately 9 ft. in Length at the Nose (Intermodal Loading Guide Method E-23) (3/18)
- 781 Wood Bins Braced by Disposable Inflatable Dunnage Bags and BIN-PAK or M-PAK Lengthwise Void Fillers (4/18)
- 782 Plastic Intermediate Bulk Containers with Disposable Inflatable Dunnage Bags and Lengthwise Void Fillers – Schoeller Allibert (CCLG Part 7, Section 6.2) (4/18)
- 783 Cased Goods Secured by Tuff Wrap™ D.I.D. Bags (Intermodal Loading Guide Method F-4 New) (4/18)
- 784 Cased Goods Secured by S.A.M. D.I.D. Bags (Intermodal Loading Guide Method F-4 New) (5/18)
- 786 Aluminum Coils on Platforms/Skids Loaded on Rubber Mats & Secured by Two Floor Anchored Web Straps & Supplemental Securement Straps (CCLG Part 9, Section 8.6) (6/18)
- 787 Universal Storage Containers Loaded in 53 ft. Intermodal Containers (ILG Method H-15 New) (6/18)
- 788 60 in. Diameter Roll Paperboard in 60 ft. Cushioned Boxcars with 12 ft. Wide Plug Doors (CCLG Part 2, 8.3.7.2) (6/18)
- 790 58 in. Diameter Roll Paperboard in 50 ft. Cushioned Boxcars with 12 ft. Wide Plug Doors (CCLG Part 2, 8.2.5.8 Revised) (6/18)
- 791 DRUM-PAK® Dunnage for Open Head Drums in Cushioned Boxcars (CCLG Part 7, Section 6.9) (6/18)
- 792 Double Layer Loads of Hazardous or Nonhazardous Materials Secured with Cordstrap® Barriers in a 20-ft Container (ILG Method I-4) (7/18) (Cancels GIS 779)
- 793 Hazardous or Nonhazardous Loads Secured with Cordstrap® Barriers in 40-ft Containers (ILG Method I-5HM) (8/18) (Cancels GIS 780)
- 794 Peat Moss, Bagged or Baled, in Cushioned Boxcars (CCLG Part 8, Section 6.6, New) (8/18)
- 795 Coiled Metal on Platforms/Skids in Boxcars (CCLT Part 9, Section 3.2, New) (8/18)
- 796 58 in. Diameter Roll Pulpboard with an Incomplete Layer (CCLG Part 2, Section 5.8 New) (8/18)
- 797 Split Loads of 58 in. Diameter Roll Pulpboard on End Using Rubber Mats when Stowed in Trailers Having Large Metal Plates Approximately 9 ft in Length at the Nose (ILG Method E-19, Revised) (11/18)
- 798 Intermodal Loads Secured with TyGard DS™ (Intermodal Loading Guide Method B-9, Revised) (11/18)
- 799 46 in. to 57 in. Diameter Roll Paper on End Using Rubber Mats (Intermodal Loading Guide Method E-21, Revised) (12/18)
- 800 54 in. Diameter Paperboard on End Using Rubber Mats (Intermodal Loading Guide Method E-22) (12/18)
- 801 49 in. Diameter Roll Paper in 52 ft. Cushioned Boxcars with 12 ft. Wide Plug Doors (12/18) (New)
- 802 58 in. Diameter Paper Rolls T-Loaded in 60 ft. Boxcars with 16 ft. Double Plug Doors Using Lengthwise Void Filler Panels (CCLG Part 2, 6.6.16.1.7 & 5.7.12.1) (12/18) (New)
- 803 Stretch Film Roping of Steel Coils and Coil Loading Methods for Railroad Shipments (CCLG Part 9, Section 4.4. Revised; (12/18)
- 804 Lengthwise Void Filler Panels in Rigidly Braced Roll Paper Load Securement (CCLG Part 2, Section 5.7.2, 7.10.1, 7.10.5, 7.10.6 & 7.10.7 Revised) (2/19)
- 805 Bales of Wood Pulp in Boxcars (CCLG Part 8 Section 6.5.1 (revised) and Section 6.5.5 (new) (2/19)
- 806 Doorway Protection for Baled Paper and Wood Pulp Products in Boxcars (cancels GIS 740; CCLG Part 8, Section 8.4 (revised) (2/19)
- 807 54 in. Diameter Roll Paper in 60 ft. Cushioned Boxcars with 16 ft. Wide Plug Doors. (CCLG Part 2, 7.10.8; Section 8, 60 ft Cars – 54 in. Diameter Roll) (New) (4/19)
- 808 45 in. Diameter Roll Paper in 50 ft. Cushioned Boxcars Using Horizontal Airbags (CCLG Part 2, 8.2.3.9, New) (4/19)

General Information Series No. 811

Plastic Intermediate Bulk Containers with Disposable Inflatable Dunnage Bags – Horen®

General Information Series Publications

809 Metal Intermediate Bulk Containers with Disposable Inflatable Dunnage Bags and Lengthwise Void Fillers – Goodpack USA (CCLG Part 7, Section 6.10-New) (4/19)

810 Reinforced Longitudinal Void Fillers for Plastic, Metal or Wood Intermediate Bulk Containers with Tomato Products (CCLG Part 7, 6.1.6, 6.2.10.6, 6.3.6, 6.10.6 (revised) (4/19)

811 Plastic Intermediate Bulk Containers with Disposable Inflatable Dunnage Bags – Horen® (CCLG Part 7, Section 6.11-New) (6/19)