



***DAMAGE PREVENTION
TEST INFORMATION BULLETIN***

No. 58

Non-Proprietary – For General Distribution

January 2018

**Product Performance Profile for Pneumatic Dunnage
Product Verification List**

2017 Verifications

Company	Level of Verification	General Description	Date of Verification
AB Airbags "TUFFY" Series	Level 2	Polyethylene/Polypropylene	May 10, 2017
AB Airbags "TUFFY" Series	Level 3	Polyethylene/Polypropylene	May 10, 2017
AB Airbags "TUFFY" Series	Level 4	Polyethylene/Polypropylene	May 31, 2017
Atmet Group	Level 1	Polyethylene/Polypropylene - AtmetOne	May 31, 2017
Atmet Group	Level 1	Paper/Polypropylene - AtmetOne+	March 7, 2017
Atmet Group	Level 2	Polyethylene/Polypropylene - AtmetTwo	April 5, 2017
Atlas/CargoTuff	Level 1	Polyethylene/Polypropylene	August 29, 2017
Atlas/CargoTuff	Level 5	Polyethylene/Polypropylene	November 29, 2017
Atlas/FORANKRA ACK	Level 1	Polyethylene/Polypropylene	August 29, 2017
Atlas/MANICARDI S.R. L	Level 1	Polyethylene/Polypropylene	August 29, 2017
Bulk-Pack, Inc.	Level 1	Polyethylene/Polypropylene with T-Valve	September 19, 2017
Cordstrap – Cargo Secure Medium Plus	Level 1	Polyethylene/Polypropylene Edge Valve	March 28, 2017
Cordstrap – Cargo Secure Heavy	Level 2	Polyethylene/Polypropylene Edge Valve	September 19, 2017
Phoebese Industrial (Shanghai) Co., Ltd	Level 2	Polyethylene/Polypropylene	May 10, 2017
Phoebese Industrial (Shanghai) Co., Ltd	Level 3	Polyethylene/Polypropylene	May 10, 2017
Phoebese Industrial (Shanghai) Co., Ltd	Level 4	Polyethylene/Polypropylene	May 31, 2017
Shanghai Dream-Mao packing Technology Co., Ltd	Level 1	Polyethylene/Polypropylene	October 31, 2017
Shippers Products	Level 4	Paper with Fast Fill Valve	April 19, 2017
Shippers Products	Level 4	Paper TX Valve	May 31, 2017
Stopak	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Valve	October 10, 2017
Stopak	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	January 3, 2017
Stopak	Level 2	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	March 7, 2017
Stopak	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	December 19, 2017

For a complete listing of verified pneumatic dunnage, go to
http://www.aar.com/standards/dpls/pfds/PPPPD_Verification_List.pdf

2017 OTLR Strap Approvals – Re-Approvals

Company	Expiration Date	OTLR Table
LS Strapping, Inc.	03/20	17.8
BEKAP Metal Ins. San. Ve Tic. A.S.	03/20	17.8
FROMM Packaging Systems, Canada Inc.	08/20	17.8
Titan Strapping Systems, LP	11/20	17.8
Redback Industries	01/20	19.3
ITIStrap S.r.I.	01/20	19.1
Strapack	01/20	19.1
Carolina Strapping	01/20	19.2
Polychem Corporation	03/20	19.1 and 19.2
Multitech Products Pvt. Ltd.	03/20	19.2
Shanghai Topack Logistics Equipment Co., Ltd.	03/20	19.3
High Q Pack Industries Co. Ltd.	05/20	19.1
USA Strapping	05/20	19.2
Cordstrap USA Inc.	05/20	19.2 and 19.3
Tapex American Corporation	06/20	19.1
Caristrap International Inc.	07/20	19.3
Teufelberger Ges.m.b.H	08/20	19.1
Maillis Strapping Systems	07/20	19.1
USA Strapping	07/20	19.2 and 19.3
Hiroyuki Industries (M) SDN BHD	08/20	19.1
Plast-o-Fine Industries/ A.R. Impex	08/20	19.1
Allstrap Strapping Systems, LLC	10/20	19.1

2017 OTLR Strap Approvals – Re-Approvals (continued)

Warehouse Supply, Inc.	11/20	19.1
Dae Eun International, LLC	12/20	19.1
Ancra International	01/20	20.1
Kinedyne LLC	03/20	20.1, 46.1
Carolina Webbing	03/20	20.1, 46.1
Cargo Equipment Corporation	08/20	20.1, 20.2 and 46.1
SpanSet, Inc.	10/20	20.1, 20.2 and 46.1

For a complete listing of AAR OLTR Approvals, go to
<http://www.aar.com/standards/OpenTop-approvals.html>

Impact Tests

Note: in 2017 All impact tests were Proprietary.

Rail Simulation Tests

Note: in 2017 All impact tests were Proprietary.

Field Shipment Tests

<u>REPORT NUMBER</u>	<u>DATE PUBLISHED</u>	<u>TITLE</u>	<u>COMMENTS</u>
FL 01-17	In Progress	50-in. Diameter Paper Rolls in 50-ft. Boxcars Using Vertical Airbags and Rubber Mats	In progress
FL 02-17	In Progress	40-MB5 Intermediate Bulk Bins in 50-ft. Boxcars Secured with Pneumatic Dunnage Airbags and Void fillers	In progress
FL 03-17	In Progress	20 spot, 54-in. Diameter Paper Rolls in 50-ft. Boxcars using Friction Mats and Rigid Lengthwise Fillers – WestRock	In progress
FL 04-17	In Progress	26 spot, 54-in Diameter Paper Rolls in 60-ft. Boxcars Using Friction Mats, Rigid Lengthwise Fillers and Unitizing Strap – WestRock	In progress
FL 05-17	In Progress	72-in. Diameter Paper Rolls in 60-ft. Boxcars using Anchored ‘U’ straps – Clearwater	In progress
FL 06-17	In Progress	Coil Aluminum Secured by Holland Coil Snugger Straps – Logan Aluminum	Received required origin destination field inspection reports. Field shipment testing report is in progress.
FL 07-17	July 20, 2017	81-in. Diameter Roll Paperboard in 50-ft. Boxcars Secured with Type 1A, Grade 5 Nonmetallic Straps in an ‘H’ Pattern – WestRock	This is a continuation of field shipment testing reported in FL 09-16 to evaluate methods of securing 81 in. diameter rolls of paperboard loaded in 50-ft. long boxcars having 10-ft. wide sliding doors. The purpose of this test was to evaluate a method of preventing roll contact with the doors using 4 Type 1A, Grade 5 non-metallic straps secured with ladder buckles in an ‘H’ configuration in the doorway. This loading and securement method initially did not perform as intended, when the rubber mats were removed from the doorway area the 16 destination reports indicated little movement, no door contact and no damage. The loading and securement method utilized for the final 16 test shipments performed as intended.

<u>REPORT NUMBER</u>	<u>DATE PUBLISHED</u>	<u>TITLE</u>	<u>COMMENTS</u>
FL 07-17S	Oct. 10, 2017	81-in. Diameter Roll Paperboard in 50-ft. Boxcars Secured with Type 1A, Grade 5 Nonmetallic Straps in an ‘H’ Pattern – WestRock	This is a continuation of field shipment testing reported in FL 07-17 to evaluate methods of securing 81 in. diameter rolls of paperboard loaded in 50-ft. long boxcars having 10-ft. wide sliding doors. The purpose of this test was to evaluate a method of preventing roll contact with the doors using 4 Type 1A, Grade 5 non-metallic straps secured with ladder buckles in an ‘H’ configuration in the doorway. This loading and securement method initially did not perform as intended, when the rubber mats were removed from the doorway area the 26 destination reports indicated little movement, no door contact and no damage. The loading and securement method utilized for the final 26 test shipments performed as intended and was published as GIS 772.
FL 08-17	March 17, 2017	Over the road tests of LocknLoad Grate Track Vehicle Chocking system – Holland	The large number of comments stating the vehicles are required to be moved to allow the chocks to be released from the grate track is substantial and will greatly increase the potential for vehicle damage in the future if not addressed prior to giving the Holland LocknLoad chocks conditional approval.
FL 09-17	In Progress	24 floor spots with up to 8 T-loaded, 58 in. Diameter Paper Rolls in 60 ft. Boxcars Secured using Filler Panels – International Paper	In progress
FL 10-17	In Progress	24 floor spots of 58 in. and 60 in. diameter paper rolls loaded with 2 layers in doorway in 60 ft. Double plug boxcars secured with friction mats and filler panels	In progress
FI 11-17	In Progress	58 in. diameter pulpboard (ILG Method E-19) using ‘Dog Bone’ Spacers - WestRock	Testing canceled due to securement failures.
FI 12-17	In Progress	45 in. diameter paper rolls in 50 ft. boxcars using Horizontal Airbags, Unitizing Straps and Rubber Mats – Irving Paper	In progress
FI 13-17	In progress	54 in. diameter rolls of pulpboard loaded per Method E-19 of the Intermodal Loading Guide for Intermodal Rail Shipments – WestRock	The purpose of this field test was to evaluate method E-19 from the Intermodal Loading Guide as applied to 54 in. diameter rolls in 6, 7, 8 or 9 spots patterns. The loading and securement method performed as intended and was published as GIS 775.

<u>REPORT NUMBER</u>	<u>DATE PUBLISHED</u>	<u>TITLE</u>	<u>COMMENTS</u>
FI 14-17	In Progress	21 spot, 54 in. diameter paper rolls in 50 ft. boxcars using Friction Mats and Rigid Lengthwise Fillers – WestRock	In progress
FI 15-17	In Progress	26 spot, 54 in. diameter paper rolls in 60 ft. boxcars using Rubber Mats and Rigid Lengthwise Fillers – WestRock	In progress
FI 16-17	In Progress	Proprietary	In progress
FI 17-17	In Progress	46 in. to 57 in. diameter rolls of paper loaded per ILG Method E-21, substituting 20 in. wide rubber mats for 24 in. wide rubber mats – UPM	In progress

Report number prefixes refer to the following:

- CFRA – Container Owners Association (COA) Impact Test
- LB - Laboratory Bracing Test
- FI - Field Impact Test
- FL - Field Test Loads
- VL - Rail Simulation Test

Railroad Members and Non-Railroad Members of the Damage Prevention and Freight Claim Section may obtain copies of non-proprietary reports by contacting:

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