

Product Performance Profile for Pneumatic Dunnage

Product Verification List

The pneumatic dunnage products (air bags) listed below have completed testing and have been verified for a period of three years from the date indicated. Pneumatic dunnage that has successfully completed testing, as noted in the Product Performance Profile for Pneumatic Dunnage, will require Association of American Railroads re-verification every three years¹. Any change to a verified bags' material composition or method of manufacture, including valve type or location, requires re-verification. The Product Performance Profile for Pneumatic Dunnage can be found in AAR General Information Bulletin No. 9, available at http://www.aar.com/standards/dpls/pfds/PPPPD_Verification_List.pdf.

Beginning in 2014, suppliers, vendors and distributors have the opportunity to have pneumatic dunnage products that have been verified by a manufacturer listed in this Product Verification List under a separate trade or brand name. To qualify, a supplier must provide written confirmation from the manufacturer identifying their company as an authorized representative of that manufacturer's products, and that the product is the same in both material and method of manufacture as the product verified. Contact DPLS@aar.com for details.

Beginning in 2020, manufacturers are assigned an AAR ID number for pneumatic dunnage bags that have been tested and met the testing requirements set forth in GIB No. 9 Product Performance Profile for Pneumatic Dunnage. It is requested that this AAR ID number be printed on the verified pneumatic dunnage bags or their labels, but this is voluntary to the manufacturers, and pneumatic dunnage bags without a printed AAR ID number should be referenced on the table below to determine if they have met the verification requirements. Manufacturers that are able to print the AAR ID number on the verified pneumatic dunnage bags or their labels, are requested to complete this process by the re-verification dates listed on the table below.

AAR ID #		Level of Verification	General Description	Date of Verification
AAR-500	AB Airbags "TUFFY" Series "X"	Level 1	Polyethylene/Polypropylene	September 25, 2018
AAR-500	AB Airbags "TUFFY" Series "Y"	Level 1	Polyethylene/Polypropylene	August 23, 2016
AAR-500	AB Airbags "TUFFY" Series "Z"	Level 1	Polyethylene/Polypropylene	October 1, 2019
AAR-500	AB Airbags "BEAR BAG"	Level 1	Paper/Polyethylene	June 12, 2018
AAR-500	AB Airbags "TUFFY" Series	Level 2	Polyethylene/Polypropylene	May 10, 2017
AAR-500	AB Airbags "TUFFY" Series	Level 3	Polyethylene/Polypropylene	May 10, 2017
AAR-500	AB Airbags "TUFFY" Series	Level 4	Polyethylene/Polypropylene	May 31, 2017
AAR-500	AB Airbags "TUFFY" Series	Level 5	Polyethylene/Polypropylene	September 4, 2018
AAR-501	Atmet Group	Level 1	Polyethylene/Polypropylene - AtmetOne	May 31, 2017
AAR-501	Atmet Group	Level 1	Paper/Polypropylene - AtmetOne+	March 7, 2017
AAR-501	Atmet Group	Level 2	Polyethylene/Polypropylene - AtmetTwo	April 5, 2017
AAR-501	Atmet Group	Level 3	Polyethylene/Polypropylene - AtmetThree	March 19, 2019

¹ **Section 5.0 PROCEDURES FOR AFTER TEST FAILURES** will apply should the listed pneumatic dunnage products fail during field performance. If evaluation and testing shows that a pneumatic dunnage fails to meet the specifications of the most recent verification, the manufacturer will be so advised. If two subsequent failures and retests within a 90-day period show the pneumatic dunnage does not meet the specifications of the most recent verification, the existing verification will be revoked.

Product Performance Profile for Pneumatic Dunnage

Product Verification List

AAR ID #		Level of Verification	General Description	Date of Verification
AAR-501	Atmet Group	Level 4	Polyethylene/Polypropylene - AtmetFour	February 20, 2018
AAR-502	Atlas/CargoTuff	Level 1	Polyethylene/Polypropylene	August 29, 2017
AAR-502	Atlas/CargoTuff	Level 2	Polyethylene/Polypropylene	April 30, 2019
AAR-502	Atlas/CargoTuff	Level 3	Polyethylene/Polypropylene	April 9, 2019
AAR-502	Atlas/CargoTuff	Level 4	Polyethylene/Polypropylene	May 21, 2019
AAR-502	Atlas/CargoTuff	Level 5	Polyethylene/Polypropylene	November 29, 2017
AAR-503	Atlas/FORANKRA ACK	Level 1	Polyethylene/Polypropylene	August 29, 2017
AAR-504	Atlas/MANICARDI S.R.L	Level 1	Polyethylene/Polypropylene	August 29, 2017
AAR-505	Atlas/PRECINCAS, S.A	Level 1	Polyethylene/Polypropylene	August 29, 2017
AAR-506	Bulk-Pack, Inc.	Level 1	Polyethylene/Polypropylene with T-Valve	September 19, 2017
AAR-507	Bates Cargo-Pak ApS	Level 1	Paper with Reuse Valve	April 9, 2019
AAR-508	Complete Packaging Systems "Cyclone" Series	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Valve	October 10, 2017
AAR-508	Complete Packaging Systems "Cyclone" Series	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	July 2, 2019
AAR-508	Complete Packaging Systems "Cyclone" Series	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Mid Valve	January 8, 2018
AAR-508	Complete Packaging Systems "Cyclone" Series	Level 2	Polyethylene/Polypropylene with Jumbo/Striker Valve	May 22, 2018
AAR-508	Complete Packaging Systems "Cyclone" Series	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Valve	September 4, 2018
AAR-508	Complete Packaging Systems "Cyclone" Series	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	December 19, 2017
AAR-508	Complete Packaging Systems "Cyclone" Series	Level 5	Polyethylene/Polypropylene with Jumbo/Striker Valve	July 2, 2019
AAR-77	Cordstrap – Cargo Secure Medium Plus	Level 1	Polyethylene/Polypropylene Edge Valve	March 28, 2017
AAR-77	Cordstrap – Cargo Secure Medium	Level 1	Polyethylene/Polypropylene Edge Valve	August 5, 2019
AAR-77	Cordstrap – Cargo Secure Heavy	Level 2	Polyethylene/Polypropylene Edge Valve	September 19, 2017
AAR-509	Etap Packaging International GmbH	Level 1	Polyethylene/Polypropylene with Fast Flow Valve	March 24, 2020
AAR-510	FORM Koruyucu Ambalaj San. Ve Tic. Ltd. Şti. *	Level 1	Polyethylene/Polypropylene with Turbo Flow Valve	October 1, 2019
AAR-510	FORM Koruyucu Ambalaj San. Ve Tic. Ltd. Şti. *	Level 1	Polyethylene/Polypropylene with New Turbo Flow Valve	February 11, 2020
AAR-511	International Dunnage	Level 1	Polyethylene/Polypropylene with Jet Flow Valve	July 3, 2018
AAR-511	International Dunnage	Level 1	Polyethylene/Polypropylene with Combo Valve	March 24, 2020
AAR-511	International Dunnage	Level 2	Polyethylene/Polypropylene with Combo Valve	February 25, 2019
AAR-511	International Dunnage	Level 3/4	Polyethylene/Polypropylene with Safe Lock Valve	January 28, 2019
AAR-511	International Dunnage	Level 3/4	Polyethylene/Polypropylene with Combo Valve	June 11, 2019
AAR-511	International Dunnage	Level 5	Polyethylene/Polypropylene with Combo Valve	March 13, 2018
AAR-512	J2 SERVID	Level 1	Polyethylene/Polypropylene with Combo Valve	June 20, 2017
AAR-513	Luso Dunnage, Lda	Level 1	Polyethylene/Polypropylene	October 1, 2019
AAR-514	OEMSERV Cargo Security Products Co., Ltd	Level 1	Polyethylene/Polypropylene	March 19, 2019

Product Performance Profile for Pneumatic Dunnage

Product Verification List

AAR ID #		Level of Verification	General Description	Date of Verification
AAR-515	ÖZDAL TEKSTİL VE ÇUVAL SAN.TİC.A.Ş.	Level 1	Polyethylene/Polypropylene	September 25, 2018
AAR-516	Phoebese Industrial (Shanghai) Co., Ltd	Level 1	Paper/Polypropylene 2 Ply with Pro-Air valve	June 12, 2018
AAR-516	Phoebese Industrial (Shanghai) Co., Ltd	Level 1	Polyethylene/Polypropylene	August 17, 2016
AAR-516	Phoebese Industrial (Shanghai) Co., Ltd	Level 2	Polyethylene/Polypropylene	May 10, 2017
AAR-516	Phoebese Industrial (Shanghai) Co., Ltd	Level 3	Polyethylene/Polypropylene	May 10, 2017
AAR-516	Phoebese Industrial (Shanghai) Co., Ltd	Level 4	Polyethylene/Polypropylene	May 31, 2017
AAR-516	Phoebese Industrial (Shanghai) Co., Ltd	Level 5	Polyethylene/Polypropylene	September 4, 2018
AAR-517	ProDragon Ltd.	Level 1	Polyethylene/Polypropylene	August 14, 2018
AAR-517	ProDragon Ltd.	Level 2	Polyethylene/Polypropylene	October 23, 2018
AAR-517	ProDragon Ltd.	Level 4	Polyethylene/Polypropylene	March 03, 2020
AAR-518	Rothschenk GmbH	Level 1	Polyethylene/Polypropylene	August 29, 2017
AAR-519	Shanghai Dream-Mao Packing Technology Co., Ltd	Level 1	Polyethylene/Polypropylene	October 31, 2017
AAR-520	Shanghai Shuangzhong Packing Materials Co., Ltd.	Level 1	Polyethylene/Polypropylene with Super Fast Valve	November 14, 2018
AAR-521	Shippers Products	Level 1	Polyethylene/Polypropylene with Super Flow Valve	July 17, 2018
AAR-521	Shippers Products	Level 1	Polyethylene/Polypropylene with Turbo Flow Valve	August 06, 2018
AAR-521	Shippers Products	Level 1	Polyethylene/Polypropylene with TX Valve	June 27, 2018
AAR-521	Shippers Products	Level 2	Paper with Fast Fill Valve	October 16, 2018
AAR-521	Shippers Products	Level 2	Paper with TX Valve	March 13, 2018
AAR-521	Shippers Products	Level 2	Polyethylene/Polypropylene with TX Valve	June 27, 2018
AAR-521	Shippers Products	Level 3	Paper with TX Valve	May 22, 2018
AAR-521	Shippers Products	Level 3	Polyethylene/Polypropylene with TX Valve	February 26, 2019
AAR-521	Shippers Products	Level 3	Polyethylene/Polypropylene with SX Valve	February 26, 2019
AAR-521	Shippers Products	Level 3	Polyethylene/Polypropylene with SV Valve	February 24, 2020
AAR-521	Shippers Products	Level 4	Paper with Fast Fill Valve	April 19, 2017
AAR-521	Shippers Products	Level 4	Paper TX Valve	May 31, 2017
AAR-521	Shippers Products	Level 4	Polyethylene/Polypropylene with SX Valve	April 2, 2019
AAR-521	Shippers Products	Level 4	Polyethylene/Polypropylene with TX Valve	September 26, 2018
AAR-522	Stopak	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Valve	March 03, 2020
AAR-522	Stopak	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Mid-Valve	January 8, 2018
AAR-522	Stopak	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	July 2, 2019
AAR-522	Stopak	Level 2	Polyethylene/Polypropylene with Jumbo/Striker Valve	May 22, 2018
AAR-522	Stopak	Level 2	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	December 4, 2018

Product Performance Profile for Pneumatic Dunnage Product Verification List

AAR ID #		Level of Verification	General Description	Date of Verification
AAR-522	Stopak	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Valve	September 4, 2018
AAR-522	Stopak	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Edge Valve	December 19, 2017
AAR-522	Stopak	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Mid-Valve	February 20, 2018
AAR-522	Stopak	Level 5	Polyethylene/Polypropylene with Jumbo/Striker Valve	July 2, 2019
AAR-523	Sunrise Mfg., Inc.	Level 2	Polyethylene/Polypropylene with Jumbo/Striker Valve	May 22, 2018
AAR-523	Sunrise Mfg., Inc.	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Valve	September 4, 2018
AAR-523	Sunrise Mfg., Inc.	Level 5	Polyethylene/Polypropylene with Jumbo/Striker Valve	October 17, 2016
AAR-524	Tianjin Zerpo Supply Co., Ltd.	Level 1	Paper with Fast Flow Valve	April 10, 2018
AAR-524	Tianjin Zerpo Supply Co., Ltd.	Level 1	Polyethylene/Polypropylene with Turbo Flow Valve	October 1, 2019
AAR-524	Tianjin Zerpo Supply Co., Ltd.	Level 2	Polyethylene/Polypropylene with Fast Flow Valve	March 13, 2018
AAR-525	Tyoga Guardian	Level 1	Polyethylene/Polypropylene with Jumbo/Striker Valve	October 10, 2017
AAR-525	Tyoga Guardian	Level 2	Polyethylene/Polypropylene with Jumbo/Striker Valve	May 22, 2018
AAR-525	Tyoga Guardian	Level 4	Polyethylene/Polypropylene with Jumbo/Striker Valve	September 4, 2018
AAR-525	Tyoga Guardian	Level 5	Polyethylene/Polypropylene with Jumbo/Striker Valve	July 2, 2019

*-This bag is 90(35in) x 180(71in) cm

NOTE: Any level of bag that shows more than one level in the title is tested to the highest level shown. For example if it reads Level 1/2 then that bag has been tested and met the level 2 requirements set forth in the GIB 9.

Product Performance Profile for Pneumatic Dunnage Product Verification List

Other Pneumatic Dunnage Bags Approved for Use with Specific Loading Methods

AAR ID #		General Description	Associated Method(s)
AAR-500	AB Airbags	“Tuffy” Series Level 1 Square Woven Poly Bag	F-2 ⁱ
AAR-502	Atlas/CargoTuff	Level 1 Square Woven Poly Bag	F-2
AAR-502	Atlas/CargoTuff	Tuff Wrap™ Securement System	F-4 ⁱⁱ
AAR-508	Complete Packaging Systems Inc.	Level 1 Square Woven Poly Bag	F-2
AAR-511	International Dunnage	Level 1 Square Woven Poly Bag with Fast Flow Valve	F-2
AAR-518	Rothschenk GmbH	Tuff Wrap™ Securement System SAM – System of Anti-Slip Material	F-4 ⁱⁱⁱ
AAR-521	Shippers Products	Level 1 Square Paper Bag	F-2
AAR-521	Shippers Products	Level 1 Square HIPPO woven Poly Bag	F-2
AAR-522	Stopak	Level 1 Square Paper Bag	F-2
AAR-522	Stopak	Level 1 Square Woven Poly Bag	F-2
AAR-522	Stopak	Level 1 Square Bag One	F-2
AAR-523	Sunrise Mfg., Inc.	Level 1 Square Woven Poly Bag	F-2
AAR-525	Tyoga Guardian	Level 1 Square Paper Bag	F-2
AAR-525	Tyoga Guardian	Level 1 Square Woven Poly Bag	F-2

ⁱ Reference AAR Intermodal Loading Guide

ⁱⁱ Reference GIS 783

ⁱⁱⁱ Reference GIS 784