



Association of American Railroads

Current as of February 14, 2019

This table corresponds with AAR Open Top Loading Rules, Section 1, Table 19.2

Manufacturer/ Distributor	Approv ed through (Mo/Yr)	Grade 3 ^{a/}		Grade 4 ^{b/}		Grade 5 ^{c/}	
		AAR ID (Part No.)		AAR ID (Part No.)		AAR ID (Part No.)	
		MBS (LBS) 1,585	MBS (LBS) 2,100	MBS (LBS) 3,285	MB S (LB S) 4,40 0	MBS (LBS) 4,200	MBS (LBS) 5,400
Caristrap International, Inc.	07/21	AAR-5 60WGHD+ N8HD Buckle		AAR-5 105WGSD+ CB10A/CB32 Buckle 105WOSD+CB32 Buckle			AAR-5 125WOSD+Ladder Buckle
Carolina Strapping <i>GatorSTRAP</i>	04/19	AAR-80 CS-2025 CSB-3025 Wire Buckle		CS-2040 CSB-3035 Wire Buckle CSB 9082 Ladder Buckle		CS 8030: Hook CSB9076,Ladder Buckles - CSB 9080, CSB 9090, and CSB 9083	AAR-80 CS-2055 CSB-9083 Ladder Buckle
Carolina Strapping <i>MakoSTRAP</i>	09/21			AAR-80 CS 5080+ CSB 9060 Wire Buckle			
AlleghenyIndustrial Associates/Downriver Avistrap	02/21	AAR-11 Avistrap PW60SH: Wire Buckle A34HWBP		AAR-11 Avistrap PW100EH: Wire Buckle AVB30		AAR-11 Avistrap PW120: Ladder Buckle AVB9L	AAR-11 Avistrap PW120EH: Ladder Buckle AVB9L
Southern Strapping Systems	12/18			AAR-78 AW105: Wire Buckle – SSWB32 TY105: Ladder Buckle – SSLB32			AAR-78 AW125: Ladder Buckle - SSLB40
Southern Bracing Systems	12/18			AAR-97 SBS114: Wire Buckle –SSWB32			AAR-97 SBS125: Ladder Buckle – SSLB40

TAPEX American Corp.	07/20	AAR-1 65WLMD - Wire Buckle B-60T		AAR-1 105WXH - Ladder Buckle FCT-10			AAR-1 125WXH - Ladder Buckle FCT-12
Polychem Corporation	05/21						AAR-38 PC150WXA + SB150LAD Buckle
Polychem Corporation	04/20	AAR-53 PC75TA + wire buckle SB34X17P		AAR-53 PC105TA + SB114XDP WireB or SB105LAD buckle CC105A+SB114X DP wire buckle			
Multitech Products Pvt. Ltd.	04/20		AAR- 90 MPH 32 + Metal wire buckle B32				
Redback Industries	03/19			AAR-39 CW105RB: Wire Buckle RBC105: Wire Buckle			
Redback Industries	08/19						AAR-39 CW 125: Ladder Buckle - RFS40DLB
Cordstrap USA Inc.	02/19			AAR-77 CC105: Wire Buckle –CB10 Cordweb 105: HDB10C Ladder Buckle and CB10F Wire Buckle		AAR-77 Cordlash 95: Ladder Buckle - HDB10N	AAR-77 Cordlash 105: Ladder Buckles – Dynablock 10 and HDB10N Cordweb 150: Ladder Buckles – HDB12C and HDB40N
Complete Packaging Systems, Inc. TEX-STEEL™	06/21			AAR-83 CPS 105 + CB10F Wire Buckle			AAR-83 CPS 125 + HDB35N Ladder Buckle

Complete Packaging Systems, Inc. "Composite"	06/21			AAR-83 CPS PC 105 + HD10G galvalized wire buckle			
Logistick, Inc.	02/19			AAR-88 BDC125-2 with Buckle BKCB10			
Buffers USA, Inc. THORSTRAP™	09/21	AAR-7 2911-7421: Ladder Buckle				AAR-7 2911-7423: Ladder Buckle	AAR-7 2911-7424: Ladder Buckle
Unifixx (C & S Valkenburg &Co) BV	01/22					AAR-85 W323+ B3030 (ladder)	
Shanghai Topack Logistics Equipment Co., Ltd	04/19			AAR-86 TW105+THB10N (ladder) TC105+TB10-P (wire)			AAR-86 TW150+THB12N (ladder)
USA Strapping	04/19			AAR-92 TW105+THB10N (ladder)			AAR-92 TW150+THB12N (ladder)
USA Strapping	05/20			AAR-92 CC1056-AAR with wire buckle 32MMHD			
Pacific Strapping Inc.	08/19			AAR-79 P-104W-AAR: Wire Buckle (B-104-AAR)			AAR-79 P-125W-AAR: Wire Buckle (B-125-AAR)
Samuel Strapping Systems, Inc.	09/21			AAR – 22 TY105+SSLB40 Ladder AW105 + SSLB40 Ladder			AAR – 22 AW125 + SSLB40 Ladder
North Shore Strapping/ Co-Strap	05/21			AAR – 98 CS105A/CS32ES TR + Wire Buckle (MB- 112HDG/3GB32)			

Kemex Strapping Systems, Inc.	12/21			AAR-103 KC105A + GB32275 Wire Buckle			
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^{a/} Strapping is acceptable for use as a substitution for steel package bands up to and including 3/4 in. x .028 in. only where substitution is specifically permitted in lumber figures in Section No. 5.

^{b/} Strapping is acceptable for use as a substitution for steel bands up to and including 1 1/4 in. x .031 in. under applicable lumber figures where substitution is specifically permitted in Section No. 5, unless otherwise specified.

^{c/} Strapping is acceptable for use as a substitution for steel bands up to and including 1 1/4 in. x .035 in. in all figures except for steel product figures with sharp edges.