

REBARS 10 TO 30 MM, LENGH NO LESS THAN 20 FEET LOADED ON A 73 FT CUSHIONED UNDER FRAME CAR EQUIPPED WITH CABLE TIE DOWNS.

RAC 12206 Revised 09-2020



(Tie-down not shown)

Item	No. of Pcs.	Description
А		Vacant
В	Minimum 2 per 12 ft and 1 for every 10 ft or less	Bearing pieces: 4X6 hardwood or Douglas fir.

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Item	No. of Pcs.	Description		
С	Minimum 2 per 12 ft and 1 for every 10 ft or less.	Separators: 4X6 hardwood or Douglas fir. Length to be equal to but not greater than width of load.		
D	Minimum 2 per 12 ft and 1 for every 10 ft or less.	Packages ties: 1 1/4 in. x .029 in. high-tension steel bands or wire.		
Е	All cables to be used.	Cables: $3/8$ in. diameter, minimum of 8,800 lbs. Breaking strength. Cable assemblies must be equipped with edge protectors. Prior to tightening, there must be a minimum of $2\frac{1}{2}$ wraps of cable around the winch drum. All cables must be used and must be free of kinks and tangles. Tension to be applied with the use of an 18 in. bar or $\frac{3}{4}$ in ratchet. Cables are to be secured to A-frame in slot nearest to top of top package.		
F	Minimum of 2 per 12 feet units add 1 for each additional 8 feet or less.	Encircling bands: 1 1/4 in. x .029 in. high-tension steel bands placed approximately 18 inches from each end and encircling complete load. Banding may be substituted with AAR approved type 1A Grade 7 polyester non-metallic strapping.		

Notes:

- 1. Weight on either side of center beam needs to be as close to equal as possible.
- 2. End piles should be as close to the bulkheads as is practical and remain in compliance with the positioning of Items B and C.
- 3. Load must be placed tight against the A-frame prior to tensioning Item E cables
- 4. A package is defined as a single "lift" and is comprised of rebar positioned side by side in the same layer.
- 5. All rebar in the same package must be of the same diameter.
- 6. All packages in the same pile or layer must be of the same width.
- 7. Corner protectors must be used on all cables



8. A single piece of high-density, fiber-reinforced rubber, no thicker than 1/2 in. and at least the width of the bearing piece, may be used on each permanent bearing piece in contact with the lading.

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- 9. Loads must be evenly distributed on the car and void, if any, kept to a minimum.
- 10. All cables must be used.
- 11. Any load exceeding the width of the car deck must have a dimensional clearance from originating carrier prior to moving railcar.
- 12. Bearing pieces must extend from side sill to center sill.
- 13. Load weight distribution must be in accordance with AAR Genera Rule 3 indicating the percentage of deck length utilized versus correspondent permissible percentage of load limit for that length, see table below.

Allowable load limit on reduced deck length utilized							
Percent of deck length utilized	100	75	50	25			
Percent of load limit permitted	100	75	50	25			

- Allowable load limit on reduced deck length utilized
- 14. Nesting of bundles in top row is permitted.
- 15. Height of load must not exceed height of bulkhead or center stake, whichever is less.

See General Rules for further details.