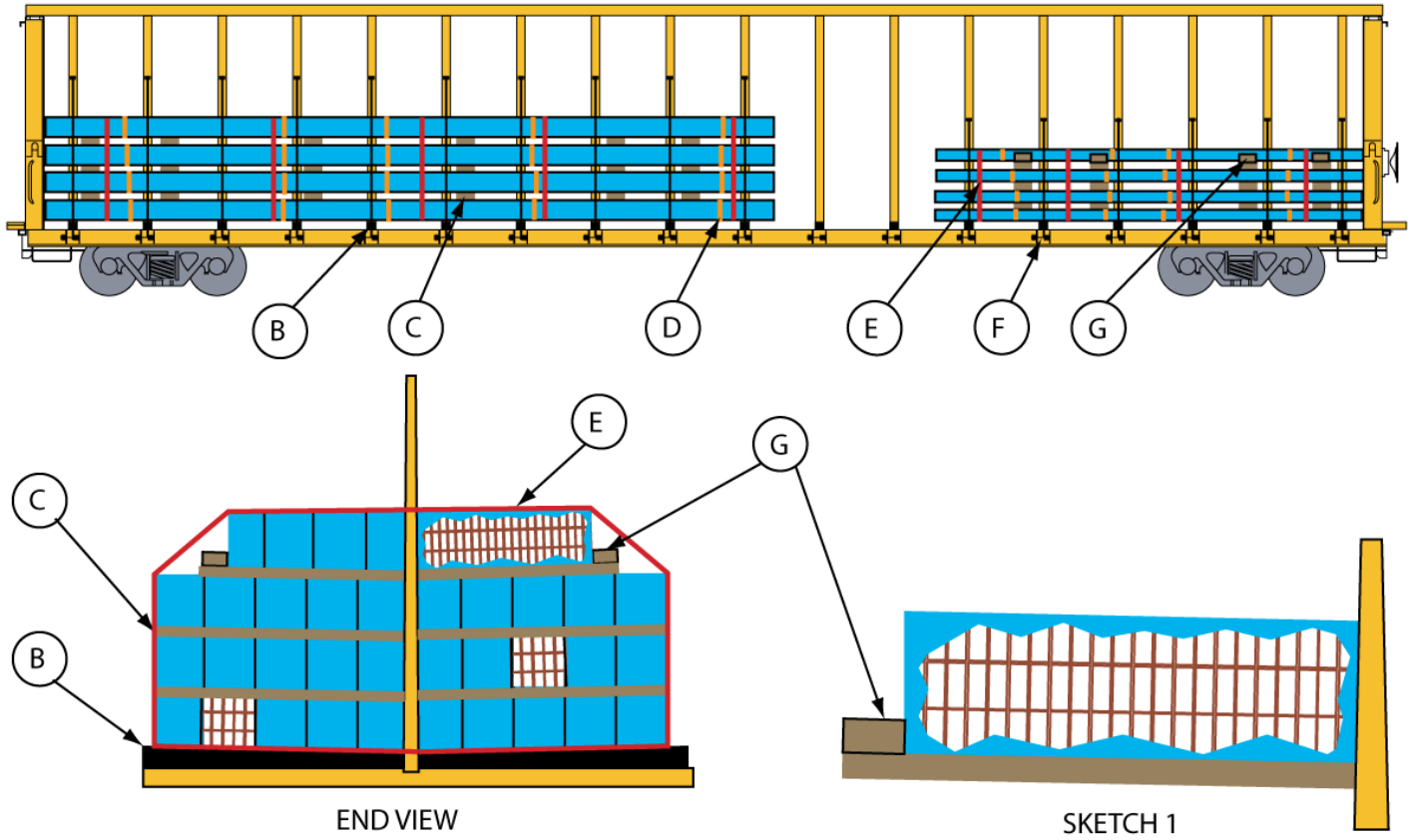


TUBING, SQUARE, 20 ft., AND OVER CUSHIONED CENTRE “A” FRAME CAR
EQUIPPED WITH CABLE TIE DOWNS.

RAC 12207

New 11-2006





**TUBING, SQUARE, 20 FT., AND OVER CUSHIONED CENTRE “A” FRAME CAR
EQUIPPED WITH CABLE TIE DOWNS.**

RAC 12207 (Continued)

New 11-2006

Item	No. of Pcs.	Description
A		Vacant
B	Minimum 2 per 12 ft and 1 for every 10 ft or less	Bearing pieces: 4X6 hardwood or Douglas fir.
C	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.
E	Min 2 per 12 ft pile and 1 for every 10 ft or less with a maximum of 5.	Encircling bands: 1 1/4 in. x .029 in. high-tension steel bands.
F	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 2½ 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 ¾ in ratchet. Cables are to be secured to A-frame in slot nearest to top of top package.
G	As required	Chuck blocks: lumber 2 in. x 4 in. Nailed to the top of each end of the separators required on narrow layers. See SKETCH 1



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RAC 12207 (Concluded)

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Notes:

1. Load must be equally distributed on both sides of the center beam partition.
2. Load must be centered on the car leaving voids equally distributed at each end of car. When more than one pile is placed on each side of car, one pile must be placed against each bulkhead with others spaced out evenly on the car.
3. Corner protectors must be used on all cables
4. Load weight distribution must be in accordance with AAR Genera Rule 3.5.2 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

<i>Percent of deck length utilized</i>	<i>100</i>	<i>75</i>	<i>50</i>	<i>25</i>
<i>Percent of load limit permitted</i>	<i>100</i>	<i>75</i>	<i>50</i>	<i>25</i>

5. Separators must not come in contact with cables and should be located just inboard of cables towards center of car to offer maximum protection in the event of load shifting.
6. Height of load must not exceed height of bulkhead or center stake, whichever is less.

See General Rules for further details