

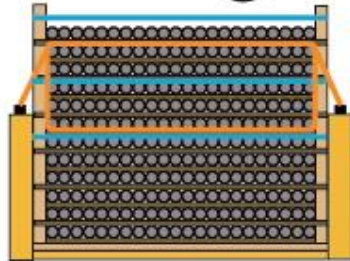
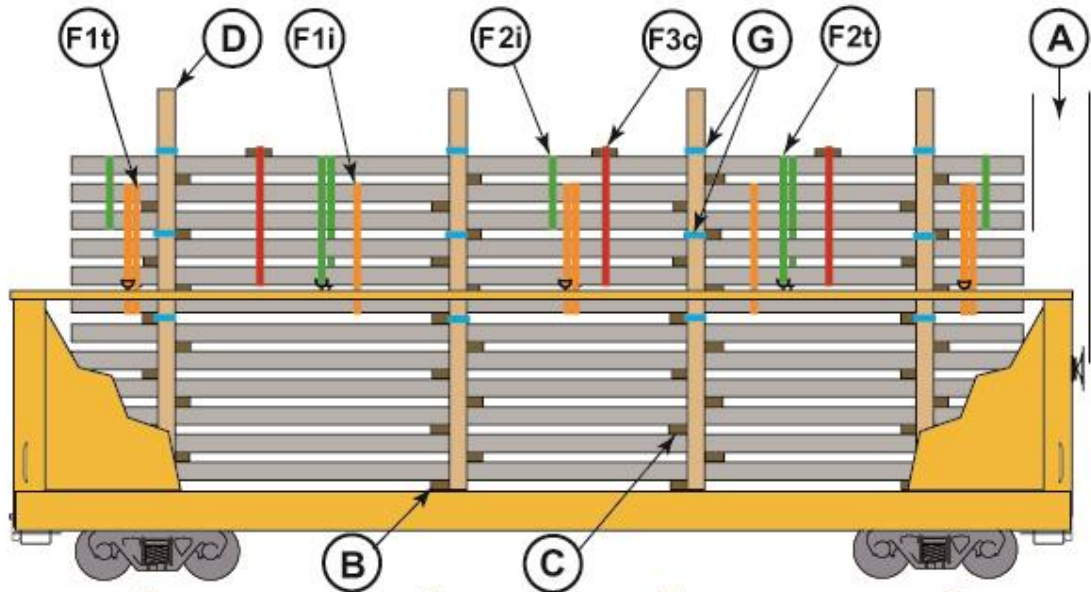


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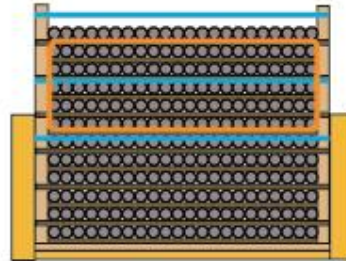
STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

RAC 12005B

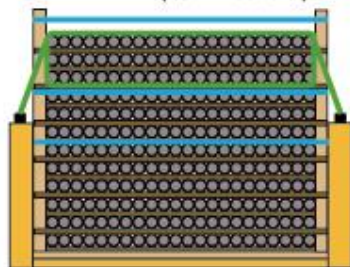
New. 06- 2010



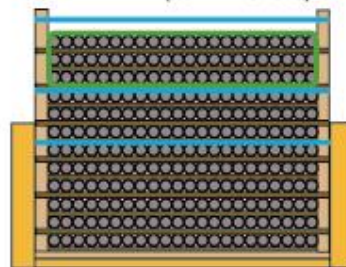
END VIEW (Item F1t and G)



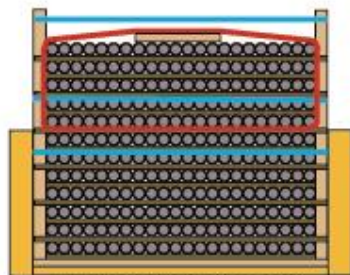
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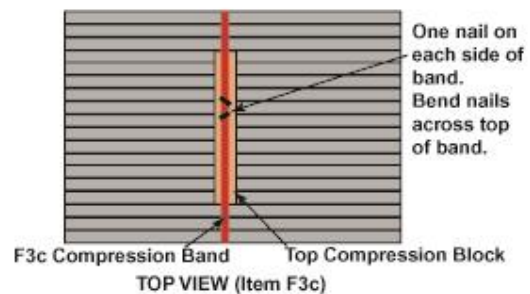
END VIEW (Item F2t and G)



END VIEW (Item F2i and G)



END VIEW (Item F3c and G)



TOP VIEW (Item F3c)

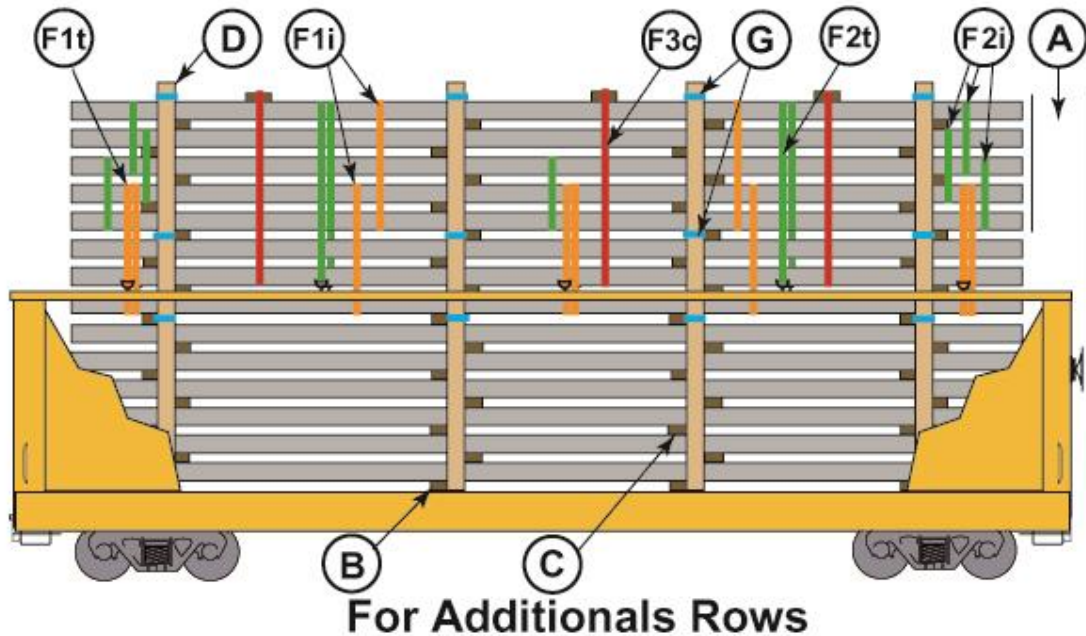


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**STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS**

RAC 12005B (Continued)

New. 06- 2010



DYNAMIC LOAD BUCKLE



HOOK

Item	No. of Pcs.	Description
A		Brake wheel clearance: see General Rules.
B	3 per pile.	Bearing pieces: 2 in. × 4 in. lumber. Length must be approximately equal to width of car, but not less than width of load. Space suitably under load.
C	3 per pile.	Separators: lumber, minimum 2 in. x 4 in., width must be at least 1 in. greater than height. Length equal to width of load plus width of side stakes.



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STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

RAC 12005B (Continued)

New. 06- 2010

Item	No. of Pcs.	Description
D	3 pairs per pile 34 ft long or less, 3 ft. 6 in. or less above car side 4 pairs per pile over 34 ft long, 3 ft. 6 in. or less above car side.	Side stakes: lumber. Stakes must be of sufficient length to allow for placement of stake ties, Item F4 across top of load. Stakes should be equally spaced. Locate end stakes approximately 3 ft from ends of pipe contacting the stakes. Fill space between stakes and car side of stakes and load by nailing or securing fillers to stakes.
F1t F1i	3 F1t & 2 F1i per pile over 34 ft. long, over 3 ft. 6 in. above car sides.	Interlacing bands: 1-1/4 in. Polyester encircling bands with a WLL of 7,000 lbs. Place under sixth row and back across the second row of the load and secure the 3 F1t to the hooks on each side of car and tie the 2 F1i on top of second row with buckle. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate Dynamic Load Buckle in accordance with the manufacturer's recommendations. See END VIEW (Item F1t and F1i) F1t = F1 Tie Down bands F1i = F1 Interlacing bands
F2t F2i	2 F2t and 3 F2i per pile over 34 ft. long, over 3 ft. 6 in. above car sides.	Interlacing bands: 1-1/4 in. Polyester encircling bands with a MBS of 7,000 lbs. Place under third row and back across the top row of the load and secure the 2 F2t to the hooks on each side of car and tie the 3 F2i on top of upper row with buckle. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate Dynamic Load Buckle in accordance with the manufacturer's recommendations. See END VIEW (Item F2t and F2i)



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STEEL PIPE, 26 IN. MAXIMUM DIAMETER, MAXIMUM 48 FEET MIXED
DIAMETERS, SECURED WITH WEBBING IN 52 FT. GONDOLA CARS

RAC 12005B (Concluded)
New. 06- 2010

Item	No. of Pcs.	Description
F3c	3 with compression blocks.	Compression bands: 5/8 in. Polyester compression bands with a MBS of 7,000 lbs. Apply one compression block on top of the load. Blocks are to be lumber, minimum 2 in. x 4 in., length equal to 1/3 the width of the surface to which they are to be applied. Position each block centrally across the load surface as shown. Encircle last five layers of pipe with the band tying it over the block with buckle. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate Dynamic Load Buckle in accordance with the manufacturer's recommendations. To prevent band displacement nail one nail on each side of band. Band nails across top of band. See END VIEW and TOP VIEW (Item F3c).
G	3 per pair of stakes.	Stakes ties: 1-1/4 in. Polyester compression bands with a MBS of 3285 lbs. Place one tie across top of load circling both stakes. Strapping must be tensioned with the proper tensioning tool and sealed with the appropriate buckle in accordance with the manufacturer's recommendations.

Notes:

1. Webbing at each end of load must be 8 feet from the end of the car.
2. All tie-down webbing should be as close as possible to separators.
3. Height of load above car floor must not exceed 10 ft.
4. If the load extends 5 ft 6 in. above the car side, or the load is 9 ft or higher above car floor, five pairs of stakes are required.
5. On loads 18 in. or less above car sides, space ties not less than 18 in. apart.
6. Pipe less than 12 ft long must be loaded below top of car sides.
7. Small-diameter pipe must not be loaded inside larger-diameter pipe, except when loaded below top of car sides.
8. Pipe located on the outside of pile must contact all stakes used on that pile.
9. Suitable nesting, blocking, or securement must be used to fill in crosswise voids.
10. Couplings, sleeves, or thread protectors must be staggered to avoid contact and maintain even load.

For further details see General Rules