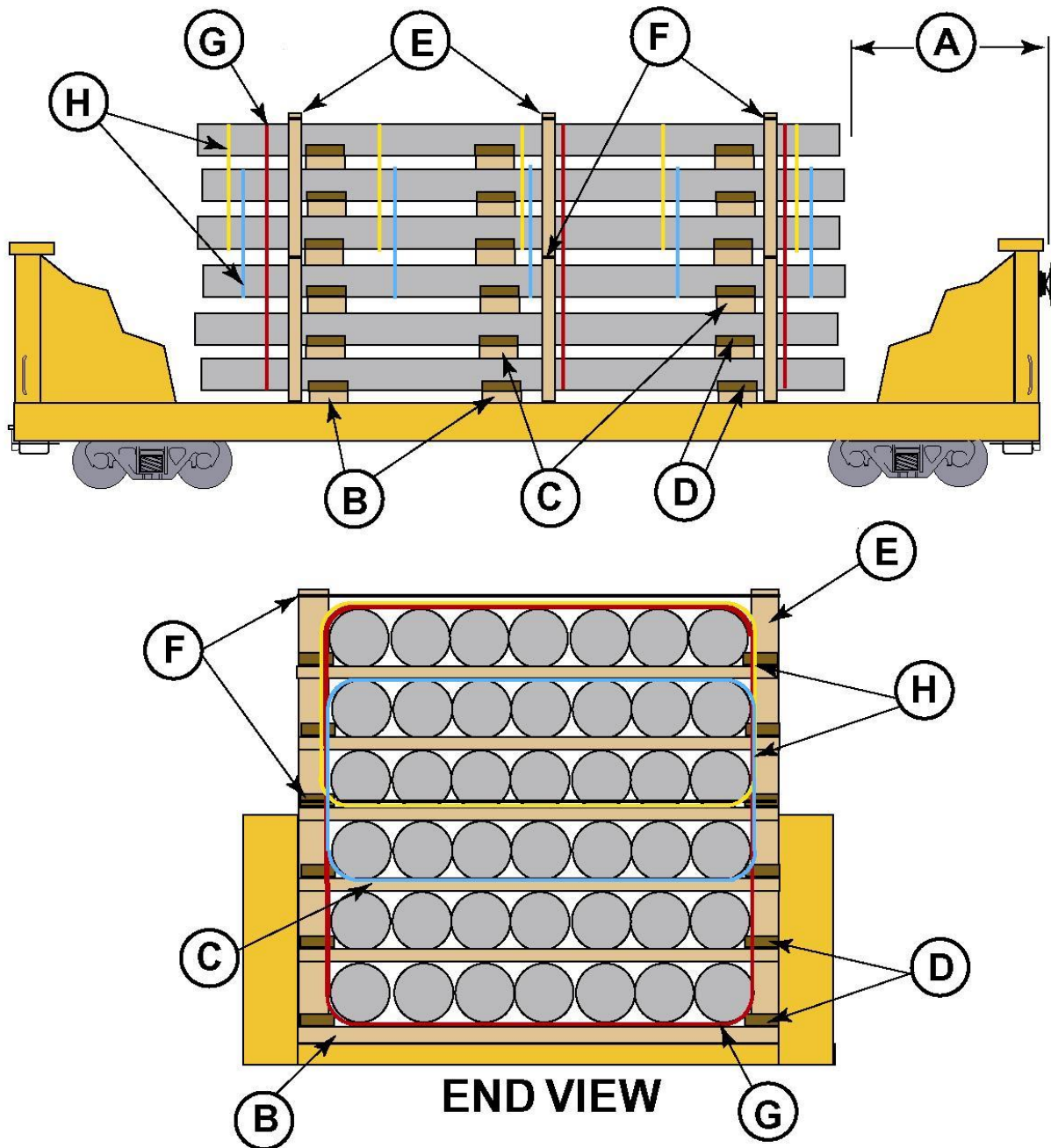




Railway Association  
of Canada

PIPES, STEEL 26 IN. MAXIMUM DIAMETER, UNIFORM OR MIXED LENGTHS  
AND DIAMETERS, WITH HIGHTENSION BANDS—GONDOLA CARS

RAC 12005  
New 11- 2003



PIPES, STEEL 26 IN. MAXIMUM DIAMETER, UNIFORM OR MIXED LENGTHS  
AND DIAMETERS, WITH HIGH TENSION BANDS—GONDOLA CARS

RAC 12005 (continued)  
New 11- 2003

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 each pile. All bearing pieces are equipped with top chawks. (Item “D”).
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 each package plus sufficient space to secure chawks (Item “D”). All separators are equipped with top chawks (Item “D”).
D	1 per bearing piece and 1 per each separator on each side.	Chawks: lumber 2 in X 4 in. cut to fit and secured to top of bearing pieces Item “B” and to top of separators Item “C”.
E	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 4 pairs per pile 34 ft long or less, over 3 ft. 6 in. above car side 4 pairs per pile over 34 ft long, over 3 ft. 6 in. above car side	Side stakes: Hardwood. Stakes must be of sufficient length to allow for placement of stake ties, Item F 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.

PIPES, STEEL 26 IN. MAXIMUM DIAMETER, UNIFORM OR MIXED LENGTHS  
AND DIAMETERS, WITH HIGH TENSION BANDS—GONDOLA CARS

RAC 12005 (continued)  
New 11- 2003

Item	No. of Pcs.	Description
F	2 per pile 2 ft. or less above car sides. 3 per pile over 2 ft. to 4 ft. above car sides 4 per pile over 4 ft. above car sides.	Stakes ties: 1 1/4 × .029 high tension band or six strands of No. 11 gauge wire or two strands of No. 8 gauge high tension wire. Place one tie close to top of car side and one across top of load. Intermediate ties required should be equally spaced between top and bottom ties. Can substitute with Polyester straps Grade 6 or 7.
G	3 per pile 34 ft. long or less 3 ft. 6 in. or less above car sides. 4 per pile over 34 ft. long, 3 ft. 6 in. above car sides. 4 per pile 34 ft. long or less, over 3 ft. 6 in. above car sides. 6 per pile over 34 ft. long, over 3 ft. 6 in. above car sides	Encircling bands: 1 1/4 × .029 high tension. Place around entire pile. Locate as far from bearing pieces and stakes as possible. Can substitute with Polyester straps Grade 6 or 7.
H	10	Interlacing bands: 1 1/4 × .029 high tension. Place around pile tying rows located above car side to rows located below top of car sides as per above drawing. Locate as far from bearing pieces and stakes as possible. Can substitute with Polyester straps Grade 6 or 7.



**PIPES, STEEL 26 IN. MAXIMUM DIAMETER, UNIFORM OR MIXED LENGTHS  
AND DIAMETERS, WITH HIGH TENSION BANDS—GONDOLA CARS**

**RAC 12005 (concluded)  
New 11- 2003**

**Notes:**

1. Height of load above car floor must not exceed 10 ft.
2. 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.
3. On loads 18 in. or less above car sides, space ties not less than 18 in. apart.
4. Pipe under 12 ft long must be loaded below top of car sides.
5. Small-diameter pipe must not be loaded inside larger-diameter pipe, except when loaded below top of car sides.
6. Pipe located on the outside of pile must contact all stakes used on that pile.
7. Suitable nesting, blocking, or securement must be used to fill in crosswise voids.
8. Couplings, sleeves, or thread protectors must be staggered to avoid contact and maintain even load.

See General Rules for further details