

WIRE -- HIGH-TENSION AND COMMON:

Corresponding AAR Open Top Loading Rule 24

High-tension wires must have a percentage of elongation in 10 inches from 6.5 to 16 percent inclusive.

When common annealed wire is used for securement purposes, the method of tying, tightening and determining the number of strands is to be in accordance with "Examples for Tying" as shown in General Rule 10. Twist wire taut with rod, bolt, pipe or appropriate length of 2-inch x 2-inch piece of lumber and secure to prevent unwinding.

High-tension wires encircling pile must be machine tensioned and twist ties on top of load, when possible, and located as far away from end of load as practical.

High-tension wire attached to stake pockets, lading strap anchors or other means of attachments must be machine tensioned. The location of the twist tie or washer attachment must not exceed 6 inches from point of anchorage.

The use of second hand or reclaimed high-tension wire or common wire for such items specified in the rules and detailed figures are prohibited.

HIGH TENSION WIRE			
Gauge	Diameter (in.)	Minimum Breaking Strength (lb)	Minimum Joint Strength (lb)
No. 8	.1620	2000	1700
No. 10	.1350	2000	1700
No. 11 ½	.1130	1350	1150
No. 12	.1055	1275	1080

COMMON ANNEALED WIRE		
Gauge	Diameter (in.)	Minimum Breaking Strength (lb)
No. 3	1/4	2200
No. 7	3/16	1100
No. 8	11/64	950
No. 9	5/32	800
No.11	1/8	500