

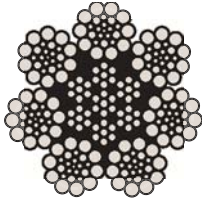


# Specialty Ropes

## 7 strand wire rope.

726 wire ropes.

We offer 726 ropes for many applications that currently use 6x19 or 6 x 36 classification ropes. Their operating characteristics are similar in many ways to 6 x 36 classification ropes. Typical applications such as container cranes, logging portal cranes and sawmill



726  
Wire  
Rope



carriages have reported increased service life with the 726 rope.

The 7 strand construction offers improved resistance to bending fatigue compared to a 6 x 26 due to a combination of the outer wire size and the seventh strand. These products are also available in a TUF-KOTE® option to further enhance their service characteristics.

**Nominal strengths and weights for all 7 strand classification ropes.**

Diameter (in.)	Approx. wt. / ft. (lbs.)	Nominal strength (tons of 2,000 lbs.)
3/8	0.26	7.55
1/2	0.46	13.3
9/16	0.59	16.8
5/8	0.72	20.6
3/4	1.04	29.4
7/8	1.42	39.8
1	1.85	51.7
1 1/8	2.34	65.0
1 1/4	2.89	79.9

## TUF-KOTE® wire ropes.

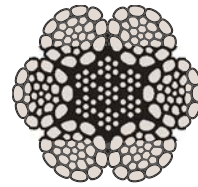


With one strand and part of the polymer plastic removed, you can see how deep the polymer penetrates into the rope. You can also see how the polymer gives you uniform and continuous support for all strands throughout the length of the rope.

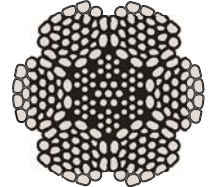
## Swaged wire ropes.

6 x 19 and 6 x 36 class swaged wire rope.

These ropes offer greater strength than standard ropes of the same diameter while providing greater resistance to drum crushing, scrubbing and similar surface wear. To enhance the performance of our swaged ropes in the field, we utilize a special wire chemistry in



6 x 19  
class  
swaged



6 x 36  
class  
swaged

the outer wires of the strands. Then during production, the rope is rotary swaged to produce a compact cross-section with minimum voids and greater surface area on outer wires. In addition to reducing rope surface wear, this compact design helps reduce wear to sheaves and minimizes crushing of the rope on the drum.

**Nominal strengths and weights for 6 x 19 classification and 6 x 36 classification swaged wire ropes.**

Diameter (in.)	Approx. wt. / ft. (lbs.)	Nominal strength (tons of 2,000 lbs.)
3/8	0.31	9.1
7/16	0.42	12.2
1/2	0.55	16.0
9/16	0.71	20.2
5/8	0.86	24.7
3/4	1.25	35.3
7/8	1.70	47.8
1	2.22	62.0
1 1/8	2.66	79.3

## Tuf-Swaged™ logging ropes.

If your application requires an even stronger rope, Tuf-Swaged rope's 30% higher strength can lead to longer service life. These ropes are designed to resist abrasion and drum crushing in logging applications. The compact design with smoother wire surfaces allows you to spool a greater length of rope onto drums than an unswaged rope of comparable strength.

**Nominal strengths and weights for Tuf-Swaged wire ropes.**

Diameter (in.)	Approx. wt. / ft. (lbs.)	Nominal strength (tons of 2,000 lbs.)
9/16	.89	26.3
5/8	1.04	32.1