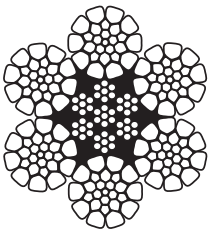
Flex-X® 6: Increased rope stability.

- **Superior performance 6-strand rope**
- **Increased service life**
- **Less sheave and drum wear**

Most applications for wire rope are extremely demanding. Wire rope must resist crushing, bending fatigue and abrasion. For example, clamshell closing lines must resist bending fatigue and boom hoists are subject to pressures that cause crushing. Overhead hoists test the stability and strength of a wire rope. All drum-related applications demand a rope that will spool and operate smoothly and dependably.

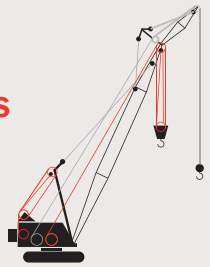


For crane applications where rotation-resistance is not required, Flex-X 6 provides users with superior performance and increased service life in many applications compared to the ropes they had previously employed. When compared to conventional 6 strand ropes, Flex-X 6 ropes provide greater surface area and more steel per given diameter, which increases rope stability and strength, too. This results in longer service life and less sheave and drum wear.

FLEX-X 6 is recommended for:

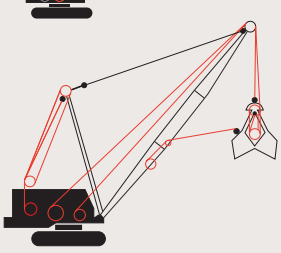
CRAWLER AND TRUCK CRANES

Main hoist rope
Boom hoist rope



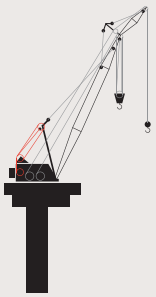
CLAMSHELLS AND GRAPPLES

Holding line
Closing line
Boom hoist rope



PEDESTAL/TOWER LUFFING CRANES

Boom hoist rope

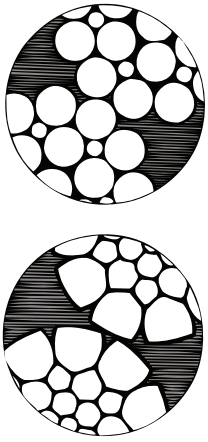


MINIMUM BREAKING FORCE AND WEIGHTS FOR FLEX-X 6 ROPES

Diameter (in)	**Approx. wt/ft** (lbs)	**Minimum breaking force** (tons of 2,000 lbs)
3/8	0.32	8.8
7/16	0.41	11.9
1/2	0.55	15.3
9/16	0.70	19.3
5/8	0.86	22.7
3/4	1.25	32.4
7/8	1.67	43.8
1	2.18	56.9
1 1/8	2.71	71.5
1 1/4	3.43	87.9
1 1/2	5.01	125

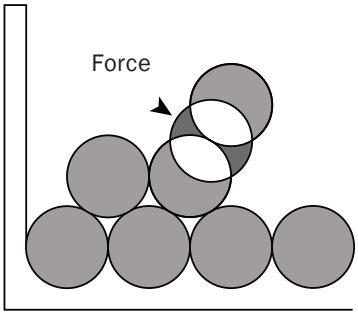
Should not be used with a swivel.

FLEX-X VS STANDARD 6 X 26 WS



The increased surface area of Flex-X can be seen in the comparison of the contact points of a standard 6 x 26 WS (top) and Flex-X (bottom).

Drum scrubbing between the lead line and the previous wrap is reduced.



Smooth contact creates less interference, less metal loss and wire deformation.