



FLEX-X[®] 19

**Rotation
resistant
construction.**

***Designed for single
and multi-part hoist
systems on cranes.***

- Longer service life.
- Lower operating cost.
- Less wear to sheaves and drums.

Extra value.



WIRECO[®]

a division of wire rope corporation of america, incorporated

PO Box 288
St. Joseph, MO 64502
816.233.0287
fax 816-236-5000
www.wrca.com

Flex-X® 19 delivers extra value.

**More stability. More strength.
More resistance to crushing.
More resistance to bending fatigue.**

Exclusive Flex-X® 19 construction gives you a smooth and extremely compact wire rope with more steel in the cross-section than ordinary ropes. The result is a higher strength-to-diameter ratio, along with improved rope handling, operating and spooling characteristics. If you want to cut down on wear to your sheaves and drums, Flex-X 19 is your rope.

Flex-X 19 is an incredibly stable single part hoist line. It reduces the amount of headaches you might otherwise get from drum scrubbing, abrasion, fast line speeds, block twisting or bird caging. Plus, you'll see your rope costs drop where fatigue is the main cause for rope replacement.

Rope crushing or block rotation problems? Flex-X 19 stands up to the task with its high-density structure and ideal suitability to multi-part hoists.

Ask your distributor today how Flex-X 19 can help cut your rope expenses substantially, while offering exceptional stability and bending ease.

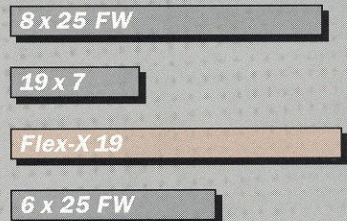
Flex-X® 19 — Class bright		
Diameter inches	Approx. weight per foot, pounds	Nominal strength tons of 2,000 lb.
3/8	.31	8.3
7/16	.40	11.2
1/2	.54	14.6
9/16	.69	18.5
5/8	.85	22.7
3/4	1.25	32.4
7/8	1.68	43.8
1	2.17	56.9
1 1/8	2.75	71.5
1 1/4	3.45	87.9
1 3/8	4.33	106.0
1 1/2	5.11	125.0

The benefits of using Flex-X 19.

- Strength is 10% higher than 6 x 19 class XIP IWRC ropes of the same diameter.
- Resistance to bending fatigue is significantly increased.
- Stability created by high density strands and the smooth outer surface is exceptional, with increased resistance to drum scrubbing and abrasion.
- Resistance to crushing is increased by a high density wire rope structure. An ideal rope for multi-part hoists where rotation is a problem.
- Rotation resistance.

ANSI/ASME B 30.5 requires a design factor of 5 to be used with rotation resistant ropes. A swivel should not be used in this rope's end termination.

Relative bending life



Strength (tons)

