



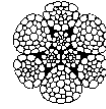
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PRODUCT CATALOG

Flex-X 9

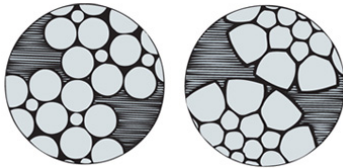
- ▶ Crush resistant
- ▶ Abrasion resistant
- ▶ Greater surface area



Flex-X 9 features compacted strands and swaging for extra drum crushing resistance and increased stability. Its high density strands deliver extra strength and resistance to abrasion. Flex-X 9 is manufactured with a dual compaction process to produce a compact cross-section with minimum voids and greater surface area on outer wires that contact drums, sheaves and the rope during operation. The high-density compacted strands minimize nicking at strand-to-strand contact points. Flex-X 9 was specifically designed for boom hoist applications where drum crushing is a challenge.

Flex-X® vs. standard rope of similar construction:

Flex-X designs reduce drum scrubbing between the lead line and the previous wrap. The smooth contact creates less interference, less metal loss and wire deformation. The increased surface area of Flex-X can be seen in the comparison of the contact points of a standard 6x26WS and Flex-X as shown. [Testing Backs Superiority](#)



Flex-X 9 Strength and Weights Chart (inches)

Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs)
5/8	0.90	26.2
3/4	1.30	37.4
7/8	1.79	50.6
1	2.33	65.7
1 1/8	2.93	82.7

Union, a WireCo WorldGroup brand, produces wire rope and special rope assemblies for a variety of applications – each with their own exacting specifications. We employ the most experienced, talented, licensed engineers in the industry to design solutions for your application. Nine manufacturing operations and seven distribution centers in North America, plus manufacturing facilities in Germany, Poland and Portugal, give our customers unparalleled support and global reach. Find out for yourself why Union wire ropes have proven themselves time and time again in the field. **Union: Tested, Tough & True.**