



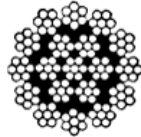
Tested, Tough & True.



PRODUCT CATALOG

19x7

- Category 2, rotation resistant rope



In an application where a single-part hoist rope is used to lift a free load – or where rotation-resistant properties are essential for rope performance – the 19x7 can be used. Its rotation-resistant characteristic is achieved by laying six strands around a core strand in one direction, then laying 12 strands around the first operation in the opposite direction. When the rope is in tension, opposing rotational forces are created between the inner and outer layers.

Frequent and regular inspection for broken wires is critical when using rotation resistant rope.

19x7 Strength and Weights Chart (inches)

Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs)
3/16	0.064	1.57
1/4	0.113	2.77
5/16	0.177	4.3
3/8	0.25	6.15
7/16	0.35	8.33
1/2	0.45	10.8
9/16	0.58	13.6
5/8	0.71	16.8
3/4	1.02	24
7/8	1.39	32.5
1	1.82	42.2
1 1/8	2.30	53.1
1 1/4	2.83	65.1
1 3/8	3.43	78.4
1 1/2	4.08	92.8
Should not be used with a swivel.		

Union, a WireCo WorldGroup brand, produces wire rope 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. Eight WireCo WorldGroup manufacturing operations and seven distribution centers in North America, plus manufacturing facilities in Mexico, Germany and China, 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.**