



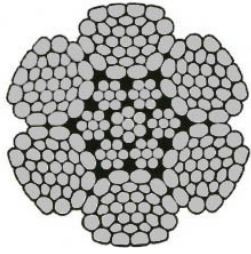
PRO SLING & SAFETY INC.

Powerstrand Wire Rope



**PRO SLING &
SAFETY INC.**

Lift with Experience



PRO6S Swaged Wire Rope

6 Outer Strands, Rotation Wire Rope

PRO6S Swaged Wire Rope is a 6x26 construction. Swaging the wire rope is designed for superior strength and abrasion resistance. It is commonly used in logging applications such as winch lines, skylines, haul backs, chokers and boom pendant ropes.

6x26WS (10+(5+5)+5+1) IWRC, Load Bearing Outer Wires 156 Fill Factor 0.72
Use of swivel is not permitted.



Diameter Inches	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
7/16	0.46	IPS	W62614AS	21,100	93.9
1/2	0.60	IPS	W62616AS	26,400	117.4
9/16	0.75	IPS	W62618AS	34,800	154.8
5/8	0.92	IPS	W62620AS	41,100	182.8
11/16	1.20	IPS	W62622AS	50,200	223.3
3/4	1.33	IPS	W62624AS	59,500	264.7
7/8	1.84	IPS	W62628AS	80,600	358.5
1	2.35	IPS	W62632AS	107,000	476.0

PRO6C Compacted Wire Rope

6 Outer Strands, Rotation Wire Rope

PRO6C Compacted Wire Rope. It is offered in 6x26 for smaller diameters and 6x31 in larger diameters for increased flexibility. Compacting the wire rope is designed for increased strength, flexibility and rope stability. It is commonly used on cranes as boom hoist ropes, winch lines, clam shell buckets, logging mainlines, anchor lines, trolley lines and trailer loaders.

6x26WS (10+(5+5)+5+1) IWRC, Load Bearing Outer Wires 156 Fill Factor 0.64

6x31WS (12+(6+6)+6+1) IWRC, Load Bearing Outer Wires 186 Fill Factor 0.64

Use of swivel is not permitted.



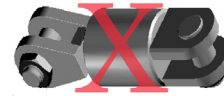
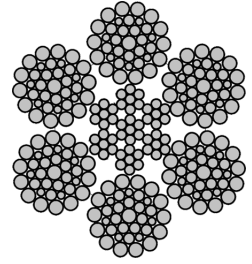
Diameter Inches	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
1/2	0.48	EIPS	W62616AD	30,200	134.3
9/16	0.57	EIPS	W62618AD	36,800	163.7
5/8	0.73	EIPS	W62620AD	45,000	200.2
3/4	1.03	EIPS	W63124AD	67,200	298.9
7/8	1.38	EIPS	W63128AD	90,200	401.2
1	1.90	EIPS	W62632AD	112,900	502.2
1 1/8	2.26	EIPS	W63136AD	148,000	658.4
1 1/4	2.92	EIPS	W63140AD	191,000	849.6

6 x 36 Metric Wire Rope

6 Outer Strands, Rotation Wire Rope

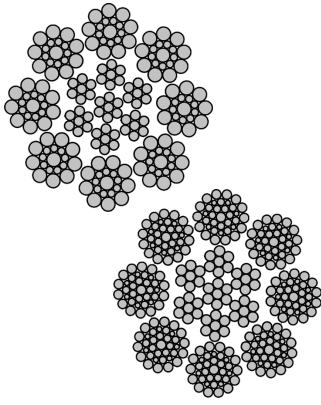
6x36WS construction is a good general purpose crane wire rope, which is flexible and wear resistant. It is suitable for overhead crane ropes, electric hoists, trolley ropes, winch lines, piling, towing and cranes.

6x36WS (14+(7+7)+7+1) IWRC, Load Bearing Outer Wires 216 Fill Factor 0.59
Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
7mm	0.12	2160	M070636A121R	8,452	37.6
8mm	0.18	2160	M080636A121R	11,060	49.2
9mm	0.22	2160	M090636A121R	13,700	61.3
10mm	0.27	2160	M100636A121R	17,287	76.9
11mm	0.35	2160	M110636A121R	20,906	93.0
14mm	0.59	2160	M140636A121R	33,945	151.0
15mm	0.62	2160	M150636A121R	38,890	173.0
18mm	0.87	2160	M180636A121R	55,143	245.3
20mm	1.10	2160	M200636A121R	68,114	303.0
22mm	1.50	2160	M220636A121R	83,625	372.0





8 Strand Metric Wire Rope

8 Outer Strands, Rotation Wire Rope

8x19S & 8x36WS construction are a good general purpose overhead crane wire ropes, found on many hoists manufactured in Europe. The 8 Strand construction provides increased flexibility, greater strength and smoother area on sheaves.

8x19S (9+9+1) IWRC, Load Bearing Outer Wires 152 Fill Factor 0.58

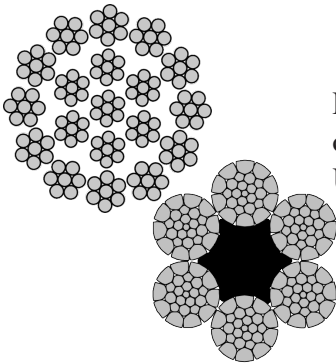
8x36WS (14+(7+7)+7+1) IWRC, Load Bearing Outer Wires 288 Fill Factor 0.60

Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
7.5mm	0.15	2160	M075819A121*	9,734	43.3
9mm	0.17	2160	M080819A121*	14,005	62.3
11mm	0.35	2160	M090819A121*	20,906	93.0
13mm	0.50	2160	M130836A121*	29,224	130.0
14mm	0.57	2160	M140836A121L	33,945	151.0
15mm	0.63	2160	M150836A121R	37,586	167.2
16mm	0.74	2160	M160836A121R	44,285	197.0
20mm	1.22	2160	M200836A121R	69,238	308.0

* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.



Metric Speciality Wire Rope

Following ropes are a good general purpose overhead crane wire rope, found on many overhead crane hoists.

Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
6.4mm	0.13	2160	M064DP8KB121R	9,306	41.4
8 x 19 Compacted Wire Rope Galvanized Right Hand Lay					
6.5mm	0.13	2160	M065819AD121*	8,632	38.4
8 x 19 Compacted Wire Rope Ungalvanized Right & Left Hand Lay					
7mm	0.14	2160	M070197A321*	7,762	34.5
19 x 7 Wire Rope Ungalvanized Right & Left Hand Lay					
8mm	0.19	2160	M08019COMPB121*	13,000	57.8
8 x 19 Compacted Wire Rope Galvanized Right & Left Hand Lay					
9mm	0.23	2160	M090626COMPDI21*	15,300	68.6
6 x 26 FC Compacted Galvanized Right & Left Hand Lay					

Pulling Hoist Wire Ropes

4 or 5 Outer Strands, Rotation Wire Rope

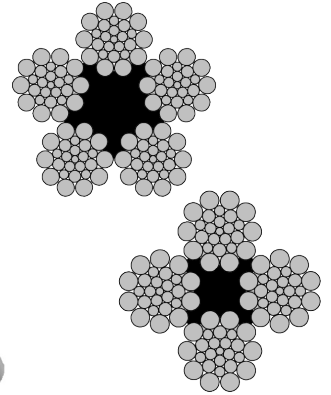
These rope constructions are suitable for many of the Tirfor type wire rope pullers. They are specifically designed to be flexible ropes but maintains stability to perform correctly with these types of hoists.

5x19S (9+9+1) FC, Load Bearing Outer Wires 95 Fill Factor 0.52

5x26WS (10+(5+5)+5+1) FC, Load Bearing Outer Wires 130 Fill Factor 0.52

4x26WS (10+(5+5)+5+1) FC, Load Bearing Outer Wires 104 Fill Factor 0.56

Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
8.3mm	0.15	EEIPS	M083519D121R	10,300	45.8
5 x 19S FC Galvanized Right Hand Regular Lay Rope					
11.5mm	0.36	EEIPS	M115526D121R	24,000	106.8
5 x 26WS FC Galvanized Right Hand Regular Lay Rope					
16.3mm	0.74	EEIPS	M163426D121R	40,486	180.1
4 x 26WS FC Galvanized Right Hand Regular Lay Rope					

Redaelli CAT 3 Snowgroomer Ropes

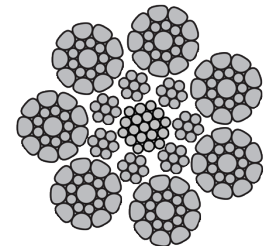
7 Outer Strands, Rotation Wire Rope

Cat 3 is a multistrand steel wire rope with high load capacity, very strong and able to support side transversal loads due to compacted strands. It's the ideal construction for use on groomer winches with capstans. For snow groomer type Pisten Bully, Prinoth, Kassbohrer and Leitwolf.

7xK19S(9+9+1)PWRC 9 compacted outer strands, simultaneously closed steel core.

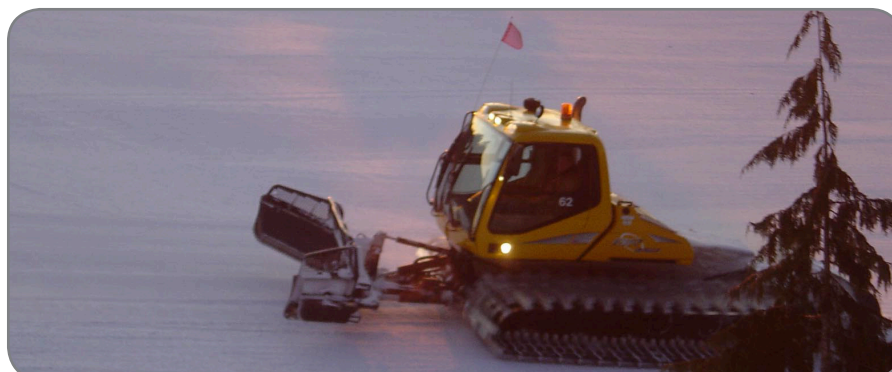
Galvanized, Load Bearing Outer Wires 171 Fill Factor 0.76

Use of swivel is not permitted.



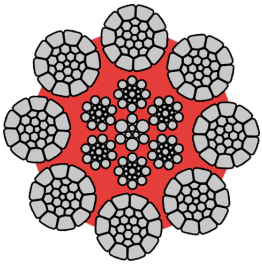
Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
11mm	0.38	2160	M110CAT3B121R	24,700	110

* Also available a lower cost option of 7/16" 6x19 IWRC Swaged dry with lubricated core.



PRO8KP Compacted Wire Rope

8 Outer Strands, Rotation Wire Rope

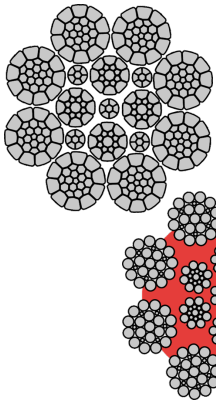


PRO8KP is an 8 strand compacted wire rope with a plastic impregnated core. Compacting the outer strands increases the strength and along with the plastic core the stability of the rope is increased. This rope is ideal for increased service life as a direct replacement for regular 6 or 8 strand ropes in many crane applications.

8x26WS (10+(5+5)+5+1) IWRC, Load Bearing Outer Wires 208 Fill Factor 0.68
Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pound	Minimum Strength kN
11mm	0.38	1960	M110PRO8KPB119R	23,625	105.0
1/2"	0.51	1960	M127PRO8KPB119R	31,700	141.0
13mm	0.53	1960	M130PRO8KPB119R	33,270	148.0
14mm	0.61	1960	M140PRO8KPB119R	38,475	171.0
15mm	0.70	1960	M150PRO8KPB119R	44,100	196.0
16mm	0.80	1960	M160PRO8KPB119R	50,400	224.0
19mm	1.13	1960	M190PRO8KPB119R	70,650	314.0



PARA8K & PRO8PRC Wire Rope

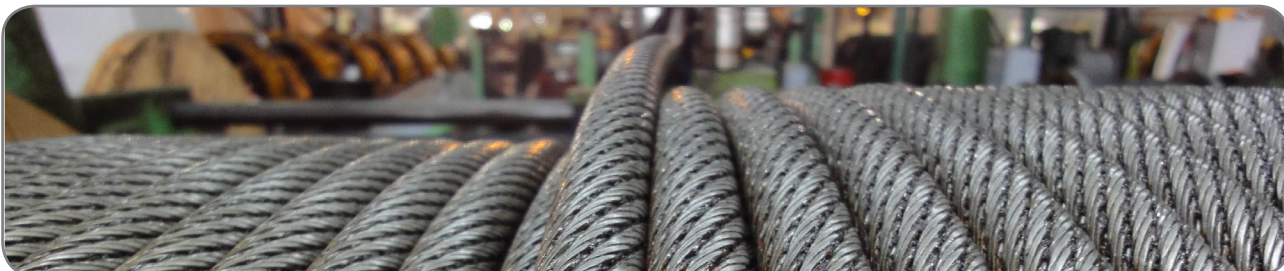
8 Outer Strands, Rotation Wire Rope

PARA8K & PRO8PRC are both 8 strand construction wire ropes, and offer a high strength alternatives to 6 or 8 strand ropes on many crane applications including self erecting cranes, ship to shore container cranes and overhead cranes.

8x25FI (12+(6)+6+1) EPIWRC, Load Bearing Outer Wires 200 Fill Factor 0.62
8x26WS (10+(5+5)+5+1) PWRC, Load Bearing Outer Wires 208 Fill Factor 0.72
Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
10mm	0.32	2160	M100PROP8KB121R	22,480	100
12mm	0.50	2160	M120PROP8KB121R	29,400	144
PARA8K 8 x 26 Strand Compacted Parallel Lay Core Right Hand Regular Lay Rope					
26mm	1.96	1960	M260PRO8PA319*	124,764	555
PRO8PRC 8 x 25 Strand Regular Strand Plastic Coated Reverse Core Right & Left Hand Regular Lay Rope					



Redaelli RED9 & RED9P Wire Rope

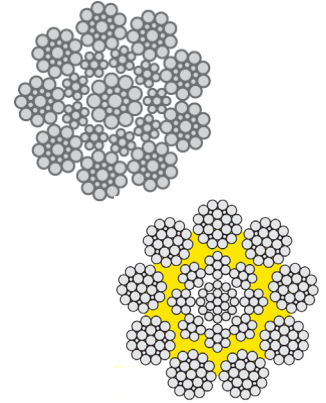
9 Outer Strands, Rotation Wire Rope

Is a multilayer rope with 9 outer strands and a parallel wire rope core (PWRC). The 9 outer strands provide flexibility and lower contact pressure onto sheaves and drum. The parallel core increases the breaking strength of the rope. RED9P (19mm) has a cushion core for increased life expectancy. Suitable for use on overhead crane ropes, trolley ropes, container cranes and pulling lines.

10mm 9x7 (6+1) PWRC, Load Bearing Outer Wires 63 Fill Factor 0.66

19mm 9x19 (9+9+1) EPIWRC, Load Bearing Outer Wires 171 Fill Factor 0.66

Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
10mm	0.30	2160	M10RED9A121R	21,648	96.3
19mm	1.04	2160	M190RED9PA121*	69,013	307.0

* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.

Redaelli PACK 9P Compacted Wire Rope

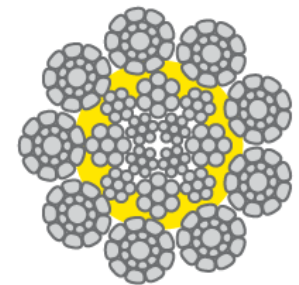
9 Outer Strands, Rotation Wire Rope

Multilayer rope with 9 outer strands and a plastic coated core. The 9 compacted outer strands provide flexibility and lower contact pressure onto sheaves and drums while maintaining a high breaking load. The cushion core increases life expectancy. Suitable for use on overhead cranes, trolley ropes, container cranes and boom hoist ropes.

Ø12-25 9x19S (9+9+1) EPIWRC, Load Bearing Outer Wires 171 Fill Factor 0.68

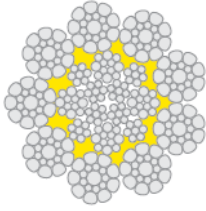
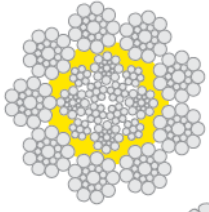
Ø26-28 9x25F (12+(6+6)+1) EPIWRC, Load Bearing Outer Wires 225 Fill Factor 0.68

Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
9mm	0.26	2160	M090PACK9PB121R	17,984	80.0
10mm	0.32	2160	M100PACK9PB121R	22,030	98.0
12mm	0.46	2160	M120PACK9PB121R	31,696	141.0
14mm	0.68	2160	M140PACK9PB121R	43,162	192.0
16mm	0.82	2160	M160PACK9PB121R	56,425	251.0
19mm	1.16	2160	M190PACK9PB121R	79,579	354.0
20mm	1.28	2160	M200PACK9PB121*	88,121	392.0
22mm	1.52	2160	M220PACK9PB121*	105,139	467.7
25mm	2.16	2160	M250PACK9PB121R	138,926	618.0
28mm	2.51	2160	M280PACK9PA121R	169,274	753.0

* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.



Redaelli SPIN9P & SPIN9KP Wire Rope

9 Outer Strands, Spin-Resistant Wire Rope

Multilayer wire rope with 9 outer strands, plastic coated independent reversed wire rope core (EPIWRC). An extremely high strength rope with relevant properties of crush resistance, combining with plastic coated core that provides higher stability against pressure and stresses due to fleet angles. Excellent as a boom hoist rope, port/container cranes and overhead cranes especially where block twist is a problem. It is not intended to replace rotation resistant or non rotating wire ropes.

9x19S (9+9+1) EPIWRC, Load Bearing Outer Wires 171

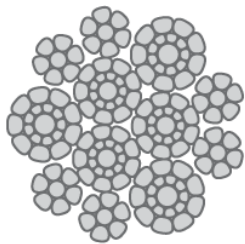
Fill Factor 0.61 (Fill Factor SPIN9KP 0.70)

Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
11mm	0.40	2160	M110SPIN9KPA221R	27,650	123
13mm	0.49	2160	M130SPIN9PA221*	34,844	155
16mm	0.74	2160	M160SPIN9PA221R	53,053	236
18mm	1.08	2160	M180SPIN9KPA221R	71,486	318

* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.



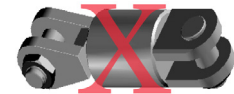
Redaelli METWK Compacted Wire Rope

3/6 Outer Strands, Rotation Wire Rope

Is a Hi-tech multi layer stranded wire rope designed to have an extremely high breaking strength while retaining a high stability in its construction. This rope is commonly used as an overhead crane rope and other special hoisting applications.

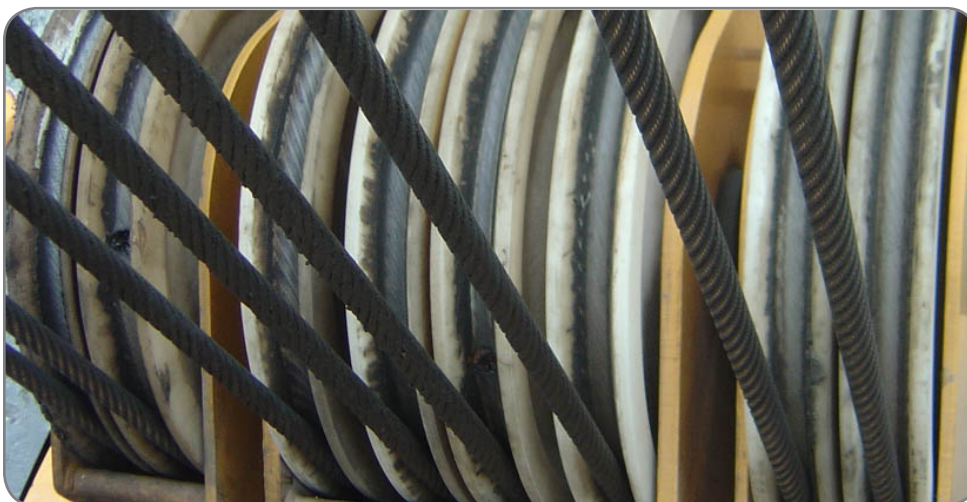
3x(9/9/1) / 6 x (6/1), Load Bearing Outer Wires 99 Fill Factor 0.70

Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
8mm	0.22	2160	M080METWKA121*	15,826	70.4
11mm	0.40	2160	M110METWKA121R	29,898	133.0

* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.



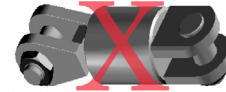
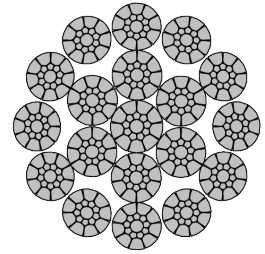
Redaelli 19 x 19 Compacted Wire Rope

12 Outer Strands, Rotation Resistant Wire Rope

Redaelli 19x19 compacted strand rope, is a 2 layer rotation resistant wire rope with 12 outer strands. It is a high strength and crush resistant rope suitable for low lifting heights. This rope is ideal for North American manufactured cranes hoist and auxiliary ropes.

19x19S (9+9+1) IWRC, Load Bearing Outer Wires 361 Fill Factor 0.72

Use of swivel is not permitted.



Diameter Inches	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
9/16	0.64	2160	W191918AD	42,487	189.0
5/8	0.82	2160	W191920AD	52,800	243.9
3/4	1.19	2160	W191924AD	76,000	338.0
7/8	1.61	2160	W191928AD	103,000	458.2

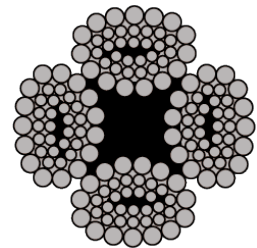
4 x 39 Unique Wire Rope

4 Outer Strands, Rotation Resistant Wire Rope

A unique designed 4 strand rope which is rotation resistant. This unique construction creates a very smooth finish to the rope and therefore provides superior crush resistance in multi layer spooling. Found commonly on ship deck crane unloaders, and is also a good replacement rope for pile driving and boom hoist ropes.

4xSeS39 (15+15+9+FC) FC Load Bearing Outer Wires 156

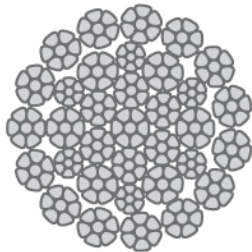
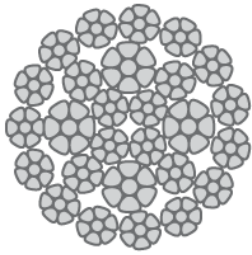
Use of swivel is not permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
19mm	1.00	EIPS	M190439D219R	56,200	250.0
20mm	1.20	EIPS	M200439D219R	62,200	276.7
32mm	2.55	EIPS	M320439D219*	159,400	709.0

* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.





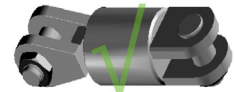
Redaelli FLEXPACK Compacted Wire Rope 15 Outer Strands, Non-Rotating Wire Rope

An excellent 3 layer non rotating wire rope, class 35x7 (conforming to EN 12385-4-2000), with 15 outer compacted lang's lay strands. This rope has a high tensile strength, the best in rotation resistance without compromising on flexibility and good resistance to drum crushing. Strong reliability combined with outstanding load capacity creates a best seller for telescopic mobile cranes, tower cranes, offshore cranes and any application where a non rotating rope is required.

Ø 8-13 27(W)x7 (6+1) IWRC, Load Bearing Outer Wires 405 Fill Factor 0.74

Ø 14-36 34(W)x7 (6+1) IWRC, Load Bearing Outer Wires 405 Fill Factor 0.75

Use of swivel is permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
8mm	0.19	2160	M080FLEXB221R	12,903	57.4
9mm	0.27	2160	M090FLEXB221R	15,758	70.2
10mm	0.30	2160	M100FLEXB221R	22,030	98.0
11mm	0.40	2160	M110FLEXB221R	26,751	119.0
12mm	0.46	2160	M120FLEXB221R	31,696	141.0
13mm	0.54	2160	M130FLEXB221R	37,316	166.0
14mm	0.64	2160	M140FLEXB221R	43,161	192.0
15mm	0.73	2160	M150FLEXB221R	49,680	221.0
16mm	0.85	2160	M160FLEXB221R	56,424	251.0
17mm	0.91	2160	M170FLEXB221R	63,618	283.0
18mm	1.06	2160	M180FLEXB221*	71,486	318.0
19mm	1.18	2160	M190FLEXB221R	76,579	354.0
20mm	1.30	2160	M200FLEXB221R	88,121	392.0
21mm	1.43	2160	M210FLEXB221R	98,687	439.0
22mm	1.57	2160	M220FLEXB221*	106,555	474.0
23mm	1.70	2160	M230FLEXB221R	118,467	527.0
24mm	1.96	2160	M240FLEXB221R	126,787	564.0
25mm	2.15	2160	M250FLEXB221R	133,980	596.0
26mm	2.20	2160	M260FLEXB221R	145,895	649.0
28mm	2.55	2160	M280FLEXB221R	169,274	753.0
32mm	3.31	2160	M320FLEXB221R	220,978	983.0
36mm	4.20	2160	M360FLEXB221R	278,752	1,240.0

* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.



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