

## PRO6SP Compacted Wire Rope

### 6 Outer Strands, Rotation Wire Rope

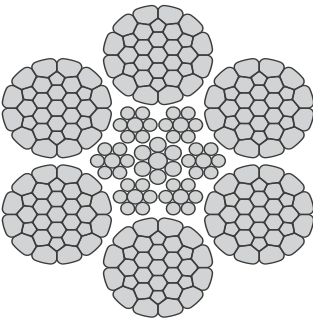
Is a compacted and rotary swaged 6 strand rope and a plastic coated compacted core. The 6 compacted outer strands provide superior crush resistance and lower contact pressure onto sheaves and drums while maintaining a high breaking load. The cushion core increases life expectancy. Suitable as a boom hoist rope, container crane hoist and trolley rope, steel mill crane, piling rigs and overhead cranes.

6x36S (FC+7+7x7+14) IWRC, Load bearing outer wires 216

Fill factor 0.69

Use of swivel is **not** permitted.

Diameter	Weight per Foot Pounds	Finish	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
1-5/8	5.30	Bright	1770 N/mm <sup>2</sup>	M413PRO6SPA117R	310,000	1,375.0



## PRO6C Compacted Wire Rope

### 6 Outer Strands, Rotation Wire Rope

PRO6C compacted wire rope is offered in 6x26 and 6x31 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, small boom truck hoist ropes, logging mainlines, anchor lines, trolley lines and trailer loaders.

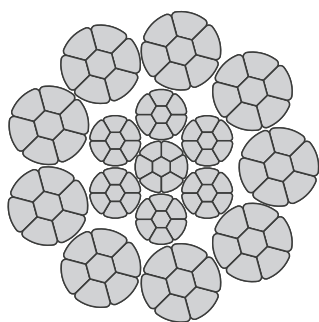
6x26WS (10+(5+5)+5+1) IWRC Load bearing outer wires 156

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	Finish	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
3/8	0.26	Galvanized	2160 N/mm <sup>2</sup>	W63112BD	18,600	82.7
1/2	0.48	Bright	EIPS	W62616AD	30,200	134.3
9/16	0.57	Bright	EIPS	W62618AD	36,800	163.7
5/8	0.73	Galvanized	2160 N/mm <sup>2</sup>	W62620BD	52,600	234.0
3/4	1.03	Bright	2160 N/mm <sup>2</sup>	W63124AD	73,900	298.9
7/8	1.38	Bright	2160 N/mm <sup>2</sup>	W63128AD	99,200	401.2
1	1.90	Bright	2160 N/mm <sup>2</sup>	W63132AD	130,600	502.2
1 1/8	2.26	Bright	2160 N/mm <sup>2</sup>	W63136AD	148,000	658.4
1 1/4	2.92	Bright	2160 N/mm <sup>2</sup>	W63140AD	204,300	909.0
1-3/8	3.72	Bright	2160 N/mm <sup>2</sup>	W63144AD	231,600	1,030.2



## PRO9K Compacted Wire Rope

### 9 Outer Strands, Rotation Wire Rope

This rope has 9 outer compacted strands and core. The 9 compacted outer strands provide flexibility and lower contact pressure onto sheaves and drums while maintaining a high breaking load. Its main use is as a trolley rope for tower cranes, but can be used on winches and pulling lines.

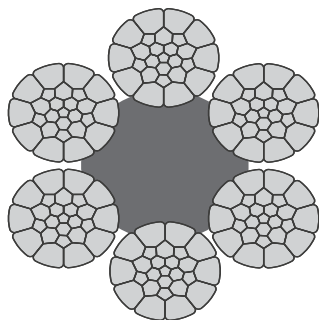
9x7S (6+1) IWRC Load bearing outer wires 63

Fill factor 0.65

Use of swivel is **not** permitted.

Diameter	Weight per Foot Pounds	Finish	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
6mm	0.11	Galvanized	2160 N/mm <sup>2</sup>	M060PRO9KB121R	7,320	32.6
6.5mm	0.12	Galvanized	2160 N/mm <sup>2</sup>	M065PRO9KB121R	8,360	37.2
7.5mm	0.18	Galvanized	2160 N/mm <sup>2</sup>	M075PRO9KB121R	11,575	51.5
9mm	0.25	Galvanized	2160 N/mm <sup>2</sup>	M090PRO9KB121R	16,455	73.2

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



## PRO6FC Compacted Wire Rope

### 6 Outer Strands, Rotation Wire Rope

PRO6FC compacted wire rope is a 6x26 fibre core for superior flexibility while retaining strength. Compacting the wire rope is designed for increased strength, flexibility and rope stability. It is commonly used on overhead cranes, and winch ropes.

6x26WS (10+(5+5)+5+1) FC, Load bearing outer wires 156

Fill factor 0.59

Use of swivel is **not** permitted.

Diameter	Weight per Foot Pounds	Finish	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
9mm	0.23	Bright	2160 N/mm <sup>2</sup>	M090626COMP121*	15,300	68.6

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

