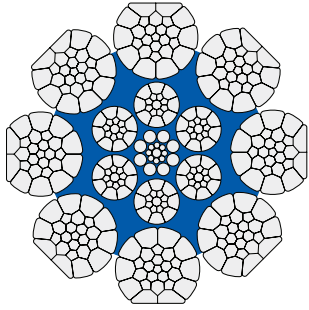


PowerStrand PRO8PS Rotary Swaged & Compacted Wire Rope 8 Outer Strands



A high strength 8 strand crane wire rope
8 outer rotary swaged & compacted regular lay strands.
Load Bearing Outer Wires 152 - 8mm to 12mm, 208 - 13mm to 32mm
& 248 - 33mm to 52mm
Total number of Wires 201 - 8mm to 12mm, 327 - 13mm to 32mm &
367 - 33mm to 52mm
Fill Factor 0.71
Use of Swivel **NOT** permitted

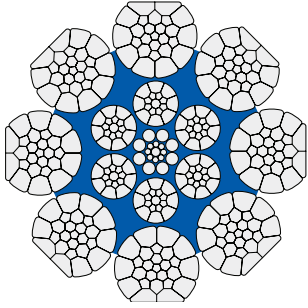
This rope has eight outer strands which are rotary swaged and compacted for superior crush resistance on multi-layer drums. It has a plastic coated core between the outer strands and inner core to increase the stability of the rope structure. The high tensile strength of this rope and superior crush resistance on multi-layer drums makes it an excellent rope for Crawler Cranes (boom hoist ropes), Tower Cranes (luffing ropes), Lattice Boom Cranes, Foundation Equipment, Overhead / Gantry Cranes and Harbour Cranes. This rope should be used in applications where both ends of the wire rope are secured to prevent rotation.

Properties:

- Rope Category Number (RCN) according to ISO4309 for Cranes
 - 152 wires 8-12mm RCN 04
 - 208 wires 13-32mm RCN 09
 - 248 wires 34-52mm RCN11
- Superior crush resistance
- Very stable rope structure
- Excellent bending fatigue
- High breaking force.



PRO8PS Rotary Swaged & Compacted Wire Rope 8 Outer Strands, Non-Rotation Resistant Wire Rope



8mm to 12mm - 8x19(S) + 7x7 Construction

- 152 Load Bearing Outer Wires

- 201 Total Number of Wires

13mm to 32mm - 8x26 + 7x17

- 208 Load Bearing Outer Wires

- 327 Total Number of Wires

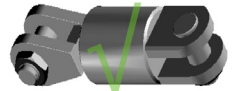
34 to 48mm - 8x31 + 7x17

- 248 Load Bearing Outer Wires

- 367 Total Number of Wires

Fill Factor 0.71

Use of swivel **NOT** permitted.



Diameter	Weight per Foot Pounds	Grade Tensile	Stock Code	Minimum Strength Pounds	Minimum Strength kN
8mm	0.22	2160 N/mm2	M080PRO8PSA221R	14,610	65.0
9mm	0.28	2160 N/mm2	M090PRO8PSA221R	18,250	81.2
3/8"	0.32	2160 N/mm2	M095PRO8PSA221R	20,340	90.5
10mm	0.35	2160 N/mm2	M100PRO8PSA221R	22,710	101.0
11mm	0.42	2160 N/mm2	M110PRO8PSA221*	27,650	123.0
12mm	0.50	2160 N/mm2	M120PRO8PSA221R	32,370	144.0
1/2"	0.56	2160 N/mm2	M127PRO8PSA221R	36,420	162.0
13mm	0.58	2160 N/mm2	M130PRO8PSA221*	38,220	170.0
14mm	0.68	2160 N/mm2	M140PRO8PSA221R	44,290	197.0
15mm	0.77	2160 N/mm2	M150PRO8PSA221R	50,810	226.0
16mm	0.89	2160 N/mm2	M160PRO8PSA221*	58,000	258.0
18mm	1.12	2160 N/mm2	M180PRO8PSA221R	73,510	327.0
19mm	1.24	2160 N/mm2	M190PRO8PSA221R	81,600	363.0
20mm	1.38	2160 N/mm2	M200PRO8PSA221R	90,370	402.0
22mm	1.67	2160 N/mm2	M220PRO8PSA221R	109,480	487.0
24mm	1.99	2160 N/mm2	M240PRO8PSA221R	130,160	579.0
25mm	2.16	2160 N/mm2	M250PRO8PSA221R	141,630	630.0
1"	2.22	2160 N/mm2	M254PRO8PSA221R	146,800	653.0
26mm	2.33	2160 N/mm2	M260PRO8PSA221R	152,870	680.0
28mm	2.71	2160 N/mm2	M280PRO8PSA221R	177,150	788.0
1-1/8"	2.83	2160 N/mm2	M286PRO8PSA221R	185,020	823.0
32mm	3.54	2160 N/mm2	M320PRO8PSA221R	231,550	1,030.0
36mm	4.48	2160 N/mm2	M360PRO8PSA221R	293,150	1,304.0

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