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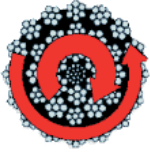
CASAR SPECIAL WIRE ROPE



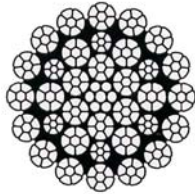
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Casar Rotation Resistant Wire Rope



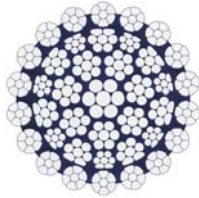
The geometrical design of rotation-resistant CASAR Special Wire Rope is such that the moments in the core and the outer strands compensate each other over a wide load spectrum, so that even with great lifting heights no rope twist occurs.



Starlift Plus

Is a Rotation Resistant flexible hoist rope, with compacted outer strands and a special designed core. The rope is fully lubricated and achieves high breaking load, and is known worldwide for its excellent service life.

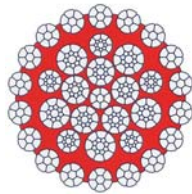
Main Applications: Main and Auxiliary Mobile Crane Hoist Rope, Tower Crane Hoist Ropes, Piling Hoist Lines and some Overhead Cranes.



Eurolift

Is a Rotation Resistant, flexible hoist rope made of compacted outer strands and a compacted steel core which is fully lubricated. With a specially designed core the rope has an extremely high breaking load and very good resistance to drum crushing.

Main Applications: Main and Auxiliary Mobile Crane Hoist Rope, Tower Crane Hoist Ropes, Piling Hoist Lines and some Overhead Cranes.

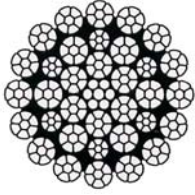


Powerplast

Is a Rotation Resistant, flexible hoist rope made of compacted strands and has a plastic layer between the steel core and outer strands. The rope has a high breaking load and very good resistance to drum crushing.

Main Applications: Hoist ropes on ship deck cranes, offshore cranes and other marine environments where rotation resistant wire ropes are required.

Casar Starlift Plus 1960



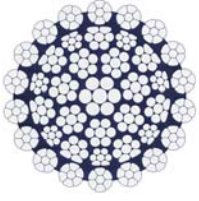
Is a Rotation Resistant flexible hoist rope, with compacted outer strands and a special designed core. The rope is fully lubricated and achieves high breaking load, and is known worldwide for its excellent service life.

Main Applications: Main and Auxiliary Mobile Crane Hoist Rope, Tower Crane Hoist Ropes, Piling Hoist Lines and some Overhead Cranes.

Diameter	Minimum Breaking Strength - TONS	Weight Per 100 Feet - Pounds
7mm	4.25	15.3
8mm (5/16")	5.54	20.1
9mm	6.90	25.9
3/8"	9.22	29.1
10mm	10.07	32.2
11mm (7/16")	12.22	39.0
12mm	14.70	47.9
1/2"	16.39	51.8
13mm	17.16	54.8
14mm	20.12	63.1
9/16"	20.74	65.6
15mm	22.92	73.2
16mm (5/8")	25.91	82.7
17mm	28.98	93.1
18mm	33.03	103.8
19mm	36.97	115.0
20mm	40.70	128.0
22mm	49.60	153.2
7/8"	50.19	158.6
23mm	53.02	168.3
24mm	58.91	183.0
1"	65.56	207.2
26mm	69.10	217.3

- A large range of diameters and Imperial rope also available. Please check for availability as not all rope sizes are stocked.

Casar Eurolift



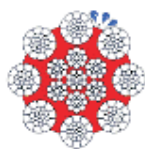
Is a Rotation Resistant, flexible hoist rope made of compacted outer strands and a compacted steel core which is fully lubricated. With a specially designed core the rope has an extremely high breaking load and very good resistance to drum crushing.

Main Applications: Main and Auxiliary Mobile Crane Hoist Rope, Tower Crane Hoist Ropes, Piling Hoist Lines and some Overhead Cranes.

Diameter	Grade 1960 Minimum Breaking Strength - TONS	Grade 2160 Minimum Breaking Strength - TONS	Weight Per 100 Feet - Pounds
15mm	22.63	24.64	73.3
16mm (5/8")	25.67	27.94	83.1
17mm	29.18	31.76	94.5
18mm	32.81	35.72	106.3
19mm (3/4")	36.68	39.93	118.8
20mm	40.59	44.18	131.5
21mm	44.71	48.67	144.8
22mm	49.25	53.6	159.5
7/8"	50.32	54.77	163.0
23mm	53.45	58.18	173.1
24mm	58.50	63.67	189.4
25mm	64.01	69.67	237.2
1"	65.82	71.64	213.2
26mm	68.16	74.19	220.7
27mm	73.25	79.72	207.3
28mm	78.97	85.95	255.7
29mm (1 1/8")	84.01	91.44	272.2
30mm	90.60	98.62	293.4
31mm	97.71	106.35	316.4
32mm (1 1/4")	103.62	112.79	335.6
34mm	117.04	127.39	379.0
35mm (1 3/8")	123.94	134.9	401.4

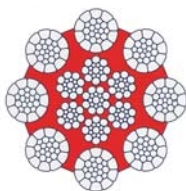
- A large range of diameters and Imperial rope also available. Please check for availability as not all rope sizes are stocked.

Casar 8 Strand Plastic Wire Rope



Ropes with plastic layer are manufactured by taking an independent wire rope core that has been thoroughly lubricated and coating it with a plastic layer over which the outer strands are laid. The plastic layer has many benefits including; removes the incidence of birdcaging, prevents strand to strand contact, seals the lubricant inside the core and keeps water and abrasive elements out.

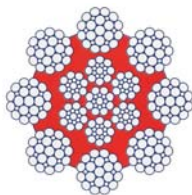
Turboplast



Is a an eight strand rope made out of compacted outer strands and is fully lubricated. It has a plastic layer between the steel core and outer strands. It has a high breaking load and very good resistance against drum crushing.

Main Applications: Overhead Crane, Container Crane, Tower Crane Trolley Ropes, Boom Hoist Rope, Lattice Boom Crane Ropes, Gantry Crane, Clam Shell Ropes and Saw Mill Carriage Ropes.

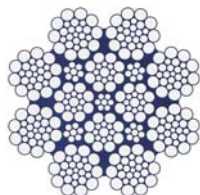
Stratoplast



Is a an eight strand rope with conventional strands and is fully lubricated. It has a plastic layer between the steel core and outer strands for extra stability, greater life and to avoid internal rope destruction.

Main Applications: Overhead Crane, Hoist Rope for Container Crane, Tower Crane Trolley Ropes, Boom Hoist Rope, Gantry Crane, Clam Shell Ropes, Harbour Cranes and Saw Mill Carriage Ropes.

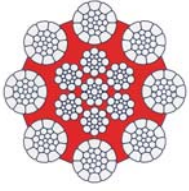
Alphalift



Is an 8 strand rope in parallel lay construction manufactured with conventional strands and does not include the plastic layer. The rope is fully lubricated, very flexible and has a very high breaking load.

Main Applications: Commonly used as a hoist rope for overhead cranes and lifting devices with multiple reeving.

Casar Turboplast 1960

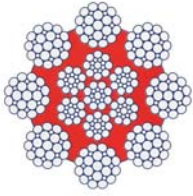


Is a an eight strand rope made out of compacted outer strands and is fully lubricated. It has a plastic layer between the steel core and outer strands. It has a high breaking load and very good resistance against drum crushing.
Main Applications: Overhead Crane, Container Crane, Tower Crane Trolley Ropes, Boom Hoist Rope, Lattice Boom Crane Ropes, Gantry Crane, Clam Shell Ropes and Saw Mill Carriage Ropes.

Diameter Millimeter	Grade 1770 Minimum Breaking Strength - TONS	Grade 1960 Minimum Breaking Strength - TONS	Weight Per 100 Feet - Pounds
8mm (5/16")	5.65	6.22	19.1
9mm	7.24	7.97	24.5
3/8"	8.08	8.89	27.3
10mm	8.86	9.76	29.9
11mm (7/16")	10.93	12.03	36.9
12mm	12.86	14.15	43.4
1/2"	14.47	15.93	48.9
13mm	14.95	16.46	50.5
14mm	17.51	19.28	59.1
9/16"	18.18	20.02	61.4
15mm	20.02	22.04	67.6
16mm (5/8")	22.49	24.77	76.0
18mm	29.09	32.03	98.3
19mm (3/4")	32.38	35.65	109.4
20mm	35.87	39.49	121.2
22mm	43.26	47.63	146.1
7/8"	44.04	48.49	148.8
24mm	50.92	56.06	172.0
1"	57.63	63.45	194.7
28mm	69.86	76.91	236.0
29mm (1 1/8")	72.80	80.15	245.9
32mm (1 1/4")	90.09	99.18	304.3

- A large range of diameters and Imperial rope also available. Please check for availability as not all rope sizes are stocked.

Casar Stratoplast 1960



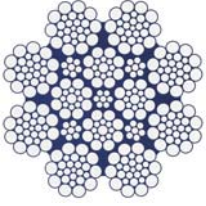
Is an eight strand rope with conventional strands and is fully lubricated. It has a plastic layer between the steel core and outer strands.

Main Applications: Overhead Crane, Container Crane, Tower Crane Trolley Ropes, Boom Hoist Rope, Gantry Crane, Clam Shell Ropes and Saw Mill Carriage Ropes.

Diameter	Grade 1770 Minimum Breaking Strength - TONS	Grade 1960 Minimum Breaking Strength - TONS	Weight Per 100 Feet - Pounds
12mm	12.03	13.32	43.0
1/2"	13.28	14.71	47.4
13mm	13.97	15.47	49.9
14mm	16.13	17.86	57.6
16mm (5/8")	21.24	23.52	75.9
18mm	27.16	30.08	97.0
19mm (3/4")	30.06	33.29	107.4
20mm	33.03	36.58	118.0
22mm	40.14	44.45	143.4
7/8"	41.26	45.68	147.4
24mm	48.35	53.54	172.7
25mm	52.21	57.81	186.5
1"	52.95	58.63	189.1
26mm	56.29	62.33	201.0
28mm	64.78	71.73	231.4
29mm (1 1/8")	67.93	75.22	242.6
30mm	75.06	83.12	268.1
32mm (1 1/4")	84.95	94.07	303.4
35mm (1 3/8")	101.45	112.34	362.4

- A large range of diameters and Imperial rope also available. Please check for availability as not all rope sizes are stocked.

Casar Alphalift



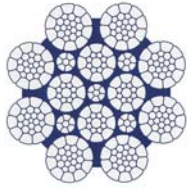
Is an 8 strand rope in parallel lay construction manufactured with conventional strands and does not include the plastic layer. The rope is fully lubricated, very flexible and has a very high breaking load.

Main Applications: Commonly used as a hoist rope for overhead cranes and lifting devices with multiple reeving.

Diameter	Grade 1770 Minimum Breaking Strength - TONS	Grade 1960 Minimum Breaking Strength - TONS	Weight Per 100 Feet - Pounds
5mm	2.19	2.42	7.6
5.5mm	2.58	2.85	9.0
6mm	3.16	3.50	11.0
1/4"	3.60	3.98	12.6
6.5mm	3.61	4.00	12.6
7mm	4.28	4.74	15.0
7.5mm	4.98	5.52	17.4
8mm (5/16")	5.58	6.18	19.5
8.5mm	6.25	6.92	21.8
9mm	7.08	7.84	24.7
3/8"	7.88	8.73	27.5
10mm	8.87	9.82	31.0
11mm (7/16")	10.82	11.98	37.8
12mm	12.82	15.27*	44.8
1/2"	14.08	15.59	49.2
13mm	14.89	16.49	52.1
14mm	17.23	19.08	60.2
9/16"	18.02	19.96	63.0
15mm	20.01	22.15	69.9
16mm	22.58	25.01	78.9

- A large range of diameters and Imperial rope also available. Please check for availability as not all rope sizes are stocked.
- *2160 Grade Rope.

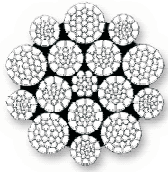
Other Casar Wire Rope



Turbolift

Is a an eight strand rope made out of compacted outer strands and is fully lubricated. It has a extremely high breaking load and very good resistance against drum crushing.

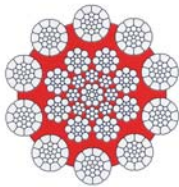
Main Applications: Pendant rope for tower cranes, mobile cranes, grabs, and suspended structures.



Superlift

Is a ten strand rope made out of compacted outer strands and in parrallel lay construction. It has a high breaking load and is very flexible.

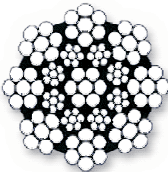
Main Applications: Pendant rope or holding rope for tower cranes, mobile cranes, grabs, and suspended structures.



Superplast

Is a ten strand rope made out of compacted outer strands and is fully lubricated. It has a plastic layer between the steel core and outer strands. It has a high breaking load and a good resistance against drum crushing.

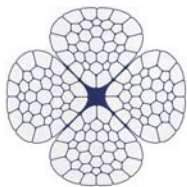
Main Applications: Boom hoist rope for mobile cranes, hoist rope for container cranes & floating cranes and overhead cranes ropes.



Unilift

Is a an eight strand rope made out of conventional strands in a parrellel lay construction. It has a high breaking load and with good flexibility.

Main Applications: Overhead crane rope, and trolley rope for tower crane.



Quadrolift

Is a rotation resistant four strand rope made from compacted strands. It is a flexible rope and is very stable under forcible load.

Main Applications: Hoist rope for electrical hoists with twin hoist systems and greater lifting heights, combined hoist and erection rope for self erecting cranes and pulling ropes.

Please check with Wesco Industries for other ropes available in the Casar Special Wire Rope range. If you can not find your applications please contact us for assistance to determine the right wire rope for you.

WESCO

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