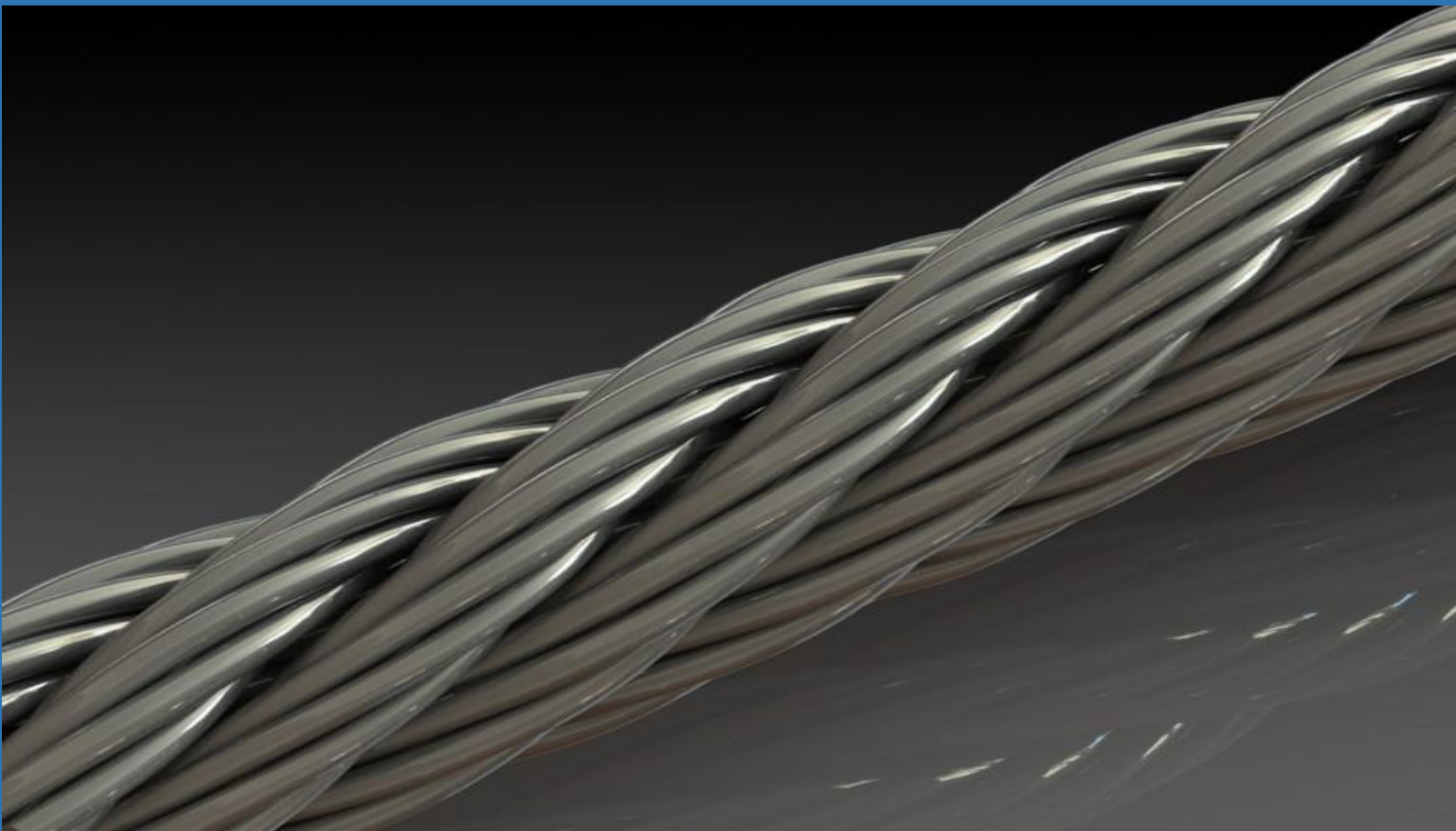
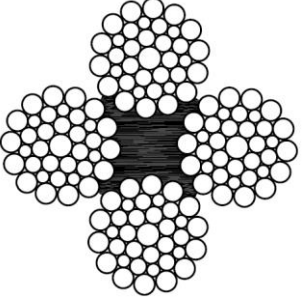


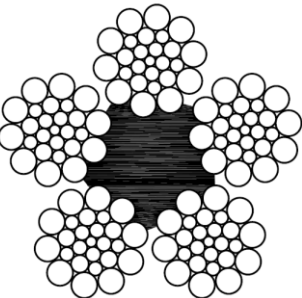
ARADHYA | Steel Wire Ropes Catalogue



4 Strand Fibre Core Wire ropes

	Rope Construction	Strand Construction	
	4x26WS – FC	1 – 5 – 5 + 5 – 10	
	4x36WS – FC	1 – 7 – 7 + 7 – 14	
Nominal Rope Diameter	Approx. Nom. Length Mass.	Minimum Breaking Load (kN)	
mm	Kg/100m	1770	1960
8.3	26	42	46
9.0	31	49	54
11.5	49	82	90
16.3	101	165	181

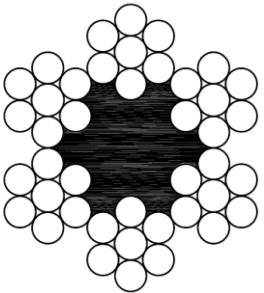
5 Strand Fibre Core Wire ropes

	Rope Construction	Strand Construction	
	5x26WS – FC	1 – 5 – 5 + 5 – 10	
	5x36WS – FC	1 – 7 – 7 + 7 – 14	
Nominal Rope Diameter	Approx. Nom. Length Mass	Minimum Breaking Load (kN)	
mm	Kg/100m	1770	1960
8.3	26.2	40.2	44.6
9.0	32.4	47.3	52.4
9.5	33.8	52.7	58.4
10.3	40.0	62.0	68.6
11.5	49.4	77.3	85.6
11.6	50.1	78.6	87.1

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc.
4. Packaging as per customer requirements.

6x7 Class Fibre Core Wire ropes

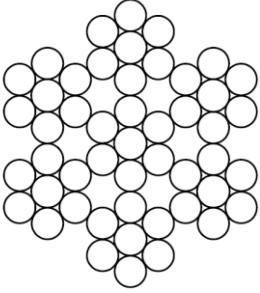
	Rope Construction	Strand Construction
	6 x 7 – FC	1 – 6

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
5		8.63		14.7		16.3	
6		12.4		21.2		23.4	
6.35	1/4		0.09		23.5		25.8
7		16.9		28.8		31.9	
7.94	5/16		0.15		36.5		40.1
8		22.1		37.6		41.6	
9		27.9		47.6		52.7	
9.5	3/8		0.21		52.1		57.4
10		34.5		58.8		65.1	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc.
4. Packaging as per customer requirements.

7x7 Wire ropes

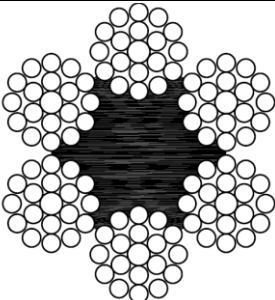
	Rope Construction	Strand Construction
	7x7 (6 x 7 – WSC)	1 – 6

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
5		9.6		15.9		17.6	
6		13.8		22.9		25.3	
6.35	1/4		0.11		25.3		27.8
7		18.8		31.1		34.5	
7.94	5/16		0.17		39.2		43.1
8		24.6		40.7		45	
9		31.1		51.5		57	
9.5	3/8		0.24		56		61.6
10		38.4		63.5		70.4	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc.
4. Packaging as per customer requirements.

6x19M Fibre Core Wire ropes

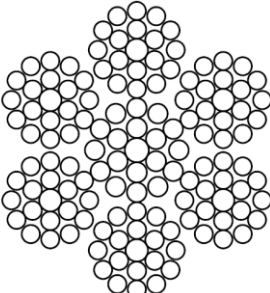
	Rope Construction	Strand Construction
	6 x 19M – FC	1 – 6 / 12

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
8		22.1		34.8		38.5	
9		28		44		48.7	
9.5	3/8		0.21		49		54.3
10		34.6		54.3		60.2	
11		41.9		65.8		72.8	
11.1	7/16		0.29		67		74.1
12		49.8		78.2		86.6	
12.7	1/2		0.38		87.6		97
13		58.5		91.8		102	
14		67.8		107		118	
14.3	9/16		0.48		112		123
15.9	5/8		0.59		137		152
16		88.6		139		154	
18		112		176		195	
19		125		196		217	
19.1	3/4		0.85		198		219
20		138		217		241	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

6x19M Steel Core Wire ropes

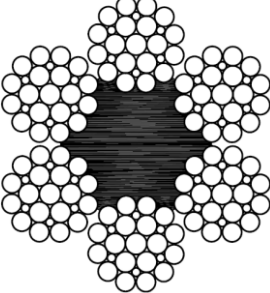
	Rope Construction	Strand Construction
	6 x 19M – WSC (7x19M)	1 – 6 / 12

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
8		24.7		37.6		41.6	
9		31.2		47.6		52.7	
9.5	3/8		0.23		53		58.7
10		38.6		58.8		65.1	
11		46.7		71.1		78.7	
11.1	7/16		0.32		72.4		80
12		55.6		84.6		93.7	
12.7	1/2		0.42		94.8		105
13		65.2		99.3		110	
14		75.7		115		128	
14.3	9/16		0.53		120		134
15.9	5/8		0.66		148		165
16		98.8		150		167	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

6x19 Class Fibre Core Wire ropes

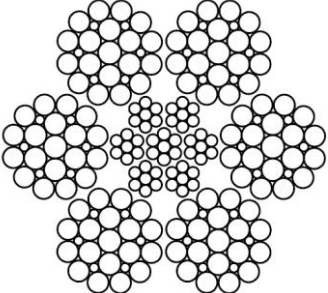
	Rope Construction	Strand Construction
	6 x 19S – FC	1 – 9 – 9
	6 x 25F – FC	1 – 6 – 6F – 12
	6 x 26WS – FC	1 – 5 – 5 + 5 – 10

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
8		23.0		37.4		41.4	
9		29.1		47.3		52.4	
9.5	3/8		0.24		54.3		59.7
10		35.9		58.4		64.7	
11		43.3		70.7		78.3	
11.1	7/16		0.32		73.6		81
12		51.7		84.1		93.1	
12.7	1/2		0.42		95.2		105
13		60.7		98.7		109	
14		70.4		114		127	
14.3	9/16		0.53		120		133
15.9	5/8		0.66		149		164
16		91.9		150		166	
18		116		189		210	
19		130		211		233	
19.1	3/4		0.95		212		233
20		144		234		259	
22		174		283		313	
22.2	7/8		1.29		286		315
24		207		336		373	
25.4	1		1.68		372		409
26		243		395		437	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

6x19 Class Steel Core Wire ropes

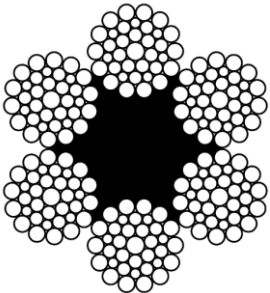
	Rope Construction	Strand Construction
	6 x 19S – IWRC	1 – 9 – 9
	6 x 25F – IWRC	1 – 6 – 6F – 12
	6 x 26WS – IWRC	1 – 5 – 5 + 5 – 10

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
8		25.6		40.3		44.7	
9		32.4		51.0		56.5	
9.5	3/8		0.26		58.4		67.2
10		40.0		63.0		69.8	
11		48.4		76.2		84.4	
11.1	7/16		0.35		79.1		90.7
12		57.6		90.7		100	
12.7	1/2		0.46		102		118
13		67.6		106		118	
14		78.4		124		137	
14.3	9/16		0.58		129		149
15.9	5/8		0.72		157		183
16		102		161		179	
18		130		204		226	
19		144		227		252	
19.1	3/4		1.04		228		262
20		160		252		279	
22		194		305		338	
22.2	7/8		1.41		308		354
24		230		363		402	
25.4	1		1.85		399		460
26		270		426		472	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

6x36 Class Fibre Core Wire ropes

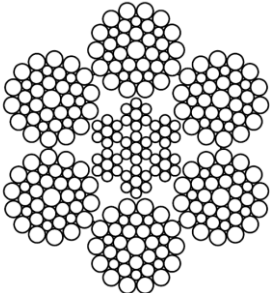
	Rope Construction	Strand Construction
	6 x 31WS – FC	1 – 6 – 6 + 6 – 12
	6 x 36WS – FC	1 – 7 – 7 + 7 – 14
	6 x 41WS – FC	1 – 8 – 8 + 8 – 16

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
10		36.7		58.4		64.7	
11		44.4		70.7		78.3	
11.1	7/16		0.32		73.6		81
12		52.8		84.1		93.1	
12.7	1/2		0.42		95.2		105
13		62		98.7		109	
14		71.9		114		127	
14.3	9/16		0.53		120		133
15.9	5/8		0.66		149		164
16		94		150		166	
18		119		189		210	
19		132		211		233	
19.1	3/4		0.95		212		233
20		147		234		259	
22		178		283		313	
22.2	7/8		1.29		286		315
24		211		336		373	
25.4	1		1.68		372		409
26		248		395		437	
28		288		458		507	
28.6	1-1/8		2.13		468		515
31.8	1-1/4		2.63		575		633
32		376		598		662	
34.9	1-3/8		3.18		691		761
35		450		716		792	
36		476		757		838	
38		530		843		934	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

6x36 Class Steel Core Wire ropes

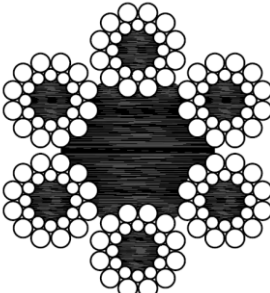
	Rope Construction	Strand Construction
	6 x 31WS – IWRC	1 – 6 – 6 + 6 – 12
	6 x 36WS – IWRC	1 – 7 – 7 + 7 – 14
	6 x 41WS – IWRC	1 – 8 – 8 + 8 – 16

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
10		40.9		63.0		69.8	
11		49.5		76.2		84.4	
11.1	7/16		0.35		79.1		90.7
12		58.9		90.7		100	
12.7	1/2		0.46		102		118
13		69.1		106		118	
14		80.2		124		137	
14.3	9/16		0.58		129		149
15.9	5/8		0.72		157		183
16		105		161		179	
18		133		204		226	
19		148		227		252	
19.1	3/4		1.04		228		262
20		164		252		279	
22		198		305		338	
22.2	7/8		1.41		308		354
24		236		363		402	
25.4	1		1.85		399		460
26		276		426		472	
28		321		494		547	
28.6	1-1/8		2.34		503		578
31.8	1-1/4		2.89		617		711
32		419		645		715	
34.9	1-3/8		3.49		743		854
35		501		772		855	
36		530		817		904	
38		591		910		1010	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

6x24S+7FC Wire ropes

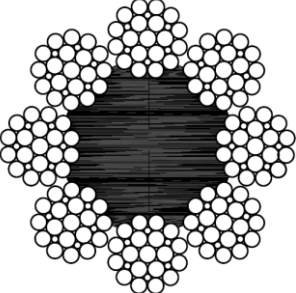
	Rope Construction	Strand Construction
	6 x 24 + 7FC	FC – 12 - 12

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
8		20.3		31.7		35.1	
9		25.8		40.1		44.5	
9.5	3/8		0.19		44.7	49.6	
10		31.8		49.6		54.9	
11		38.5		60		66.4	
11.1	7/16		0.26		61.1	67.6	
12		45.8		71.4		79	
12.7	1/2		0.35		79.5		88.5
13		53.7		83.3		92.7	
14		62.3		97.1		108	
14.3	9/16		0.44		101		112
15.9	5/8		0.54		125		139
16		81.4		127		140	
18		103		161		178	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

8x19 Class Fibre Core Wire ropes

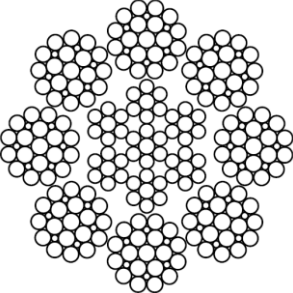
	Rope Construction	Strand Construction
	8 x 19S – FC	1 – 9 – 9
	8 x 25F – FC	1 – 6 – 6F – 12
	8 x 26WS – FC	1 – 5 – 5 + 5 – 10

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
10		34		51.9		57.4	
11		41.1		62.6		69.5	
11.1	7/16		0.28		63.7		70.8
12		49		74.7		82.7	
12.7	1/2		0.37		83.7		92.6
13		57.5		87.6		97.1	
14		66.6		102		113	
14.3	9/16		0.47		106		118
15.9	5/8		0.58		131		145
16		87		133		147	
18		110		168		186	
19		123		187		207	
19.1	3/4		0.83		189		210
20		136		207		230	
22		165		251		278	
22.2	7/8		1.13		256		283
24		196		299		331	
25.4	1		1.48		335		370
26		230		351		388	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc.
4. Packaging as per customer requirements.

8x19 Class Steel Core Wire ropes

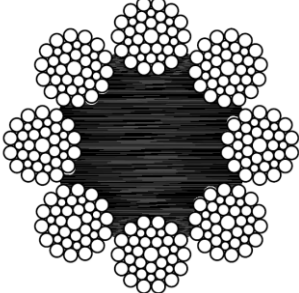
	Rope Construction	Strand Construction
	8 x 19S – IWRC	1 – 9 – 9
	8 x 25F – IWRC	1 – 6 – 6F – 12
	8 x 26WS – IWRC	1 – 5 – 5 + 5 – 10

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
10		40.7		63		69.8	
11		49.2		76.2		84.4	
11.1	7/16		0.37		79.1		90.7
12		58.6		90.7		100	
12.7	1/2		0.48		102		118
13		68.8		106		118	
14		79.8		124		137	
14.3	9/16		0.61		129		149
15.9	5/8		0.76		157		183
16		104		161		179	
18		132		204		226	
19		147		227		252	
19.1	3/4		1.09		228		262
20		163		252		279	
22		197		305		338	
22.2	7/8		1.48		308		354
24		234		363		402	
25.4	1		1.93		399		460
26		275		426		472	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc.
4. Packaging as per customer requirements.

8x36 Class Fibre Core Wire ropes

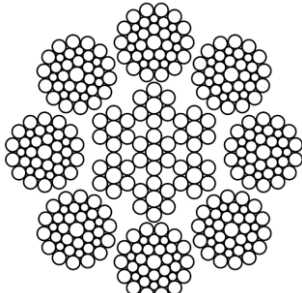
	Rope Construction	Strand Construction
	8 x 31WS – FC	1 – 6 – 6 + 6 – 12
	8 x 36WS – FC	1 – 7 – 7 + 7 – 14
	8 x 41WS – FC	1 – 8 – 8 + 8 – 16

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
12		50.1		74.7		82.7	
12.7	1/2		0.38		83.7		92.6
13		58.8		87.6		97.1	
14		68.2		102		113	
14.3	9/16		0.48		106		118
15.9	5/8		0.59		131		145
16		89.1		133		147	
18		113		168		186	
19		126					
19.1	3/4		0.86		189		210
20		139		207		230	
22		168		251		278	
22.2	7/8		1.15		256		283
24		200		299		331	
25.4	1		1.50		335		370
26		235		351		388	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc.
4. Packaging as per customer requirements.

8x36 Class Steel Core Wire ropes

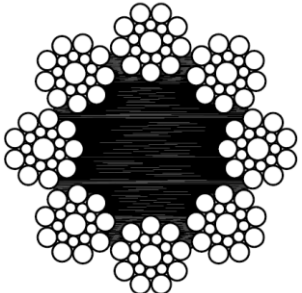
	Rope Construction	Strand Construction
	8 x 31WS – IWRC	1 – 6 – 6 + 6 – 12
	8 x 36WS – IWRC	1 – 7 – 7 + 7 – 14
	8 x 41WS – IWRC	1 – 8 – 8 + 8 – 16

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
12		60		90.7		100	
12.7	1/2		0.48		102		118
13		70.5		106		118	
14		81.7		124		137	
14.3	9/16		0.61		129		149
15.9	5/8		0.76		157		183
16		107		161		179	
18		135		204		226	
19		151		227		252	
19.1	3/4		1.09		228		262
20		167		252		279	
22		202		305		338	
22.2	7/8		1.48		308		354
24		240		363		402	
25.4	1		1.93		399		460
26		282		426		472	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc.
4. Packaging as per customer requirements.

8x19S Fibre Core wire ropes for Elevator

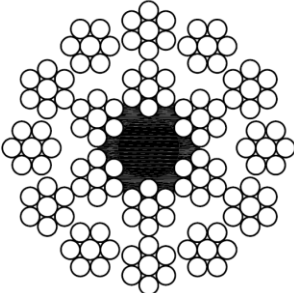
	Rope Construction	Strand Construction
	8 x 19S - FC	1 – 9 – 9

Nominal Rope Diameter		Approx. Nom. Length Mass. Kg/100m	Minimum Breaking Load (kN)	
mm	inch		1370/1770 Dual Tensile	1570 Single Tensile
8		21.8	28.1	29.4
9		27.5	35.6	37.3
9.5	3/8	30.7	39.7	41.5
10		34.0	44.0	46.0
11		41.1	53.2	55.7
12		49.0	63.3	66.2
12.7	1/2	54.8	70.9	74.2
13		57.5	74.3	77.7
14		66.6	86.1	90.2
16		87.0	113	118

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

18x7 Fibre Core Wire ropes

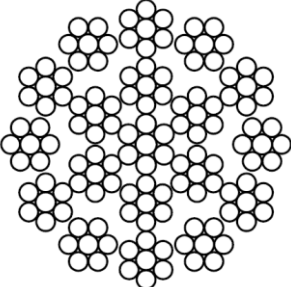
	Rope Construction	Strand Construction
	18x7 - FC	1 – 6

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
6		13.8		20.9		23.1	
6.35	1/4		0.11		22.3		24.6
7		18.7		28.4		31.5	
7.94	5/16		0.17		34.7		38.3
8		24.4		37.2		41.1	
9		30.9		47		52.1	
9.5	3/8		0.24		49.7		54.3
10		38.2		58.1		64.3	
11		46.2		70.2		77.8	
11.1	7/16		0.33		67.4		73.9
12		55		83.6		92.6	
12.7	1/2		0.43		87.6		95.8
13		64.6		98.1		109	
14		74.9		114		126	
14.3	9/16		0.55		110		121
15.9	5/8		0.68		136		149
16		97.8		149		165	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

19x7 Wire ropes

	Rope Construction	Strand Construction
	19x7 (18x7 – WSC)	1 – 6

Nominal Rope Diameter		Approx. Nom. Length Mass.		Minimum Breaking Load (kN)			
mm	inch	Kg/100m	lb/ft	1770	IPS	1960	EIPS
6		14.4		20.9		23.1	
6.35	1/4		0.11		22.3		24.6
7		19.6		28.4		31.5	
7.94	5/16		0.18		34.7		38.3
8		25.7		37.2		41.1	
9		32.5		47		52.1	
9.5	3/8		0.26		49.7		54.3
10		40.1		58.1		64.3	
11		48.5		70.2		77.8	
11.1	7/16		0.35		67.4		73.9
12		57.7		83.6		92.6	
12.7	1/2		0.45		87.6		95.8
13		67.8		98.1		109	
14		78.6		114		126	
14.3	9/16		0.57		110		121
15.9	5/8		0.71		136		149
16		103		149		165	

Notes:

1. Ropes available in Bright and Galvanized Finish.
2. Ropes will be supplied in Lubricated / Dry Condition.
3. Ropes shall be supplied as per international standards like EN12385, AS3569, ISO2408, API 9A, etc..
4. Packaging as per customer requirements.

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