

Total Rope & Wire Solutions : Wire Ropes



SM Rope & Wire Co., Ltd



- Profile



One of the most important changes of global trends is that customer's needs become diversified and they require producers to develop special metal and products to meet their needs.

In order to fill customer's needs and supply more useful value, SM Rope & Wire Co., Ltd. manufactures and provides special metal and products like High Performance SuperMax Rope and Round Sling, 4x4 Winch Rope called "Road Power", Nickel Free Stainless Steel Wire and Functional Stainless Steel Wire as well as general products like many types of Fiber products, Stainless steel Wires and Wire Ropes.

Especially, **SuperMax** type of products are the most advanced materials using **Ultra High Molecular Weight Polyethylene (UHMWPE)** in 21C and they are supplied to heavy industries and power plants by replacing steel products with UHMWPE products.

SM Rope & Wire Co., Ltd. is gearing up to churn out related products after successful test result applying successful test result applying UHMWPE to offroad and hot-air balloon.

Also, **Nickel Free Wire** which is used for earrings marks a new era in T-pin ornament industry. Its value has been highly evaluated material because ornaments and accessories including nickels or lead inflicting an inquiry upon a person could not be sold in EU and USA market after March 1, 2008.

SM Rope & Wire Co., Ltd. is the company which is responsible for the safety of our surroundings by providing many types of special products prevailed from in our body system to in the industry field.

Are you interested in special products even though their quantities are small? Please knock the door of SM Rope & Wire Co., Ltd.

SM Rope & Wire Co., Ltd. will help you to settle your question and worry with a **"Best Service, Best Quality, Best in Time"**.



- WIRE ROPE



Wire rope is a multi-purpose product being used in numerous industries for power transmission, load tolerance, tensile purposes and many other applications.

This product is utilized over a wide spectrum of industries including mine excavation, petroleum exploration and the fishing industry.

Shipping equipment, machinery, aircraft, cranes, elevators, car cables, and bridges also require our products.

Known for not only its quality, but for its price and after-service , this product is being exported to oversea nations.

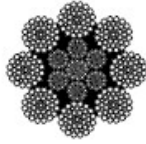
Based on trust and a win-win partnership with our customers, the product is ordered again and again by consumers.

SM ROPE & WIRE has targeted high value-added products and special high-strength rope supply in order to create new products.

Specially, Offshore Wire Rope, a wire rope used in petroleum excavation, has received international acclaim for its design, raw material selection, coating, and technology.



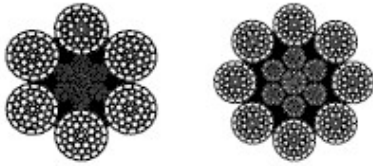
1. Wire Rope for Offshore, PowerMax Rope.



- 01. Best quality of component wire rope and excellent life time.
- 02. High structural stability.

Nominal Dia.		Offshore Powerlift 6, Powerlift 8 (Metric Ton)					Approximate Weight 6 × ROPE	Approximate Weight 8 × ROPE
mm	inch	EIPS	EEIPS	Z GRADE	ZZ GRADE	ZZZ GRADE	Kg/m	Kg/m
50.8	2	180	197	226	234	244	11.3	11.4
52.0		189	206	236	245	258	11.8	11.9
54.0	2-1/8	200	221	243	255	264	12.8	12.8
56.0		215	238	262	274	284	13.7	13.8
57.2	2-1/4	224	247	278	290	302	14.3	14.4
58.0		230	254	285	299	311	14.7	14.8
60.3	2-3/8	249	274	300	315	337	15.9	16.0
63.5	2-1/2	274	301	337	355	369	17.7	17.7
66.7	2-5/8	299	330	371	390	407	19.5	19.6
69.9	2-3/4	333	360	411	430	448	21.4	21.5
71.0		343	372	424	444	463	22.1	22.2
73.0	2-7/8	361	392	449	470	490	23.4	23.5
74.0		371	403	461	483	503	24.0	24.1
76.2	3	389	425	488	516	538	25.4	25.5
77.0		397	434	498	527	549	26.0	26.1
79.4	3-1/8	435	458	523	550	572	27.6	27.7
82.6	3-1/4	470	493	560	587	611	29.8	30.0
83.0		475	498	566	593	618	30.2	30.3
85.7	3-3/8	504	528	607	639	666	32.2	32.3
87.0		519	544	625	658	686	33.1	33.3
88.9	3-1/2	537	563	659	692	723	34.6	34.8
90.0		550	577	675	709	741	35.5	35.6
95.3	3-3/4	610	640	716	752	785	39.7	39.9
96.0		620	650	727	764	797	40.4	40.5
101.6	4	687	720	796	836	874	45.2	45.4
103.0		706	740	818	859	898	46.5	46.7
108.0	4-1/4	752	788	845	887	928	51.0	51.3
109.0		767	803	862	904	946	52.0	52.3
114.3	4-1/2	835	876	939	986	1,031	57.2	57.5
120.7	4-3/4	921	967	1,036	1,088	1,138	63.7	64.0
122.0		942	989	1,059	1,112	1,164	65.2	65.5
127.0	5	1,015	1,063	1,138	1,195	1,250	70.6	70.9
128.0		1,031	1,080	1,156	1,214	1,270	71.7	72.1
133.4	5-1/4	1,085	1,138	1,219	1,278	1,337	-	78.2
135.0		1,112	1,166	1,249	1,310	1,370	-	80.2

- PowerMax Rope - Powerflex.



PowerMax Rope is the large diameter wire ropes used for offshore industry and various mining applications.

Nominal Dia.		Offshore Powerflex 6, Powerflex 8 (Metric Ton)					Approximate Weight 6× ROPE	Approximate Weight 8× ROPE
mm	inch	EIPS	EEIPS	Z GRADE	ZZ GRADE	ZZZ GRADE	Kg/m	Kg/m
50.8	2	199	218	246	259	270	12.1	12.2
52.0		201	220	252	271	283	12.7	12.8
54.0	2-1/8	224	245	269	281	284	13.7	13.8
56.0		241	264	290	326	306	14.7	14.9
57.2	2-1/4	250	275	306	323	326	15.3	15.5
58.0		257	283	315	333	336	15.8	15.9
60.3	2-3/8	281	307	340	349	363	17.1	17.2
63.5	2-1/2	304	336	375	394	398	18.9	19.1
66.7	2-5/8	333	367	413	435	439	20.9	21.1
69.9	2-3/4	364	401	452	475	484	22.9	23.1
71.0		376	414	467	491	500	23.7	23.9
73.0	2-7/8	392	435	497	520	529	25.0	25.3
74.0		403	447	510	534	543	25.7	25.9
76.2	3	423	472	545	574	581	27.3	27.5
77.0		432	482	557	586	593	27.8	28.1
79.4	3-1/8	458	508	579	610	618	29.6	29.8
82.6	3-1/4	494	548	618	652	668	32.0	32.3
83.0		499	554	625	659	676	32.3	32.6
85.7	3-3/8	527	586	674	707	719	34.5	34.8
87.0		543	604	694	728	741	35.5	35.8
88.9	3-1/2	565	627	735	770	781	37.1	37.4
90.0		579	643	753	789	800	38.0	38.4
95.3	3-3/4	642	713	795	836	848	42.6	43.0
96.0		652	724	808	849	861	43.3	43.6
101.6	4	719	799	884	928	943	48.5	48.9
103.0		739	821	909	954	969	-	50.2
108.0	4-1/4	796	884	978	1,027	1,027	-	55.2
109.0		812	901	997	1,047	1,047	-	56.3
114.3	4-1/2	874	971	1,074	1,127	1,146	-	61.9
120.7	4-3/4	953	1,059	1,172	1,230	1,250	-	68.9
122.0		974	1,083	1,198	1,258	1,278	-	70.5
127.0	5	1,034	1,149	1,271	1,334	1,356	-	76.4
128.0		1,050	1,167	1,291	1,355	1,377	-	77.6
133.4	5-1/4	1,140	1,232	1,363	1,431	1,454	-	84.2
135.0		-	-	-	-	-	-	-

2. Mooring Wire Rope .



※ Application: Mooring Winch, Towing, Offshore.



6 X WS(36) , 6 X Ses(37) + IWRC. FC

Norminal Dia		Minimum Breaking Load(Ton)						Weight	
		1620N/mm ²		1770N/mm ²		1960N/mm ²		kg/M	
mm	inch	FC	IWRC	FC	IWRC	FC	IWRC	FC	IWRC
30.0	1 - 3/16	51.0	58.4	54.3	62.2	58.8	67.4	3.550	3.950
32.0	1 - 1/4	58.0	66.4	61.8	70.8	66.9	76.7	4.039	4.494
34.0	1 - 5/16	65.5	75.0	69.8	79.9	75.6	86.6	4.560	5.074
35.0	1 - 3/8	69.4	79.5	73.9	84.7	80.1	91.7	4.832	5.376
36.0	1 - 7/16	73.4	84.1	78.2	89.6	84.7	97.1	5.112	5.688
38.0	1 - 1/2	81.8	93.7	87.1	99.8	94.4	108	5.696	6.338
40.0	1 - 9/16	90.7	104	96.6	111	105	120	6.311	7.022
42.0	1 - 11/16	100	114	106	122	115	132	6.958	7.742
44.0	-	110	126	117	134	127	145	7.636	8.497
44.5	1 - 3/4	112	128	120	137	129	148	7.811	8.691
46.0	-	120	137	128	146	138	158	8.346	9.287
48.0	1 - 7/8	131	149	139	159	151	173	9.088	10.11
50.0	-	142	162	151	173	163	187	9.861	10.97

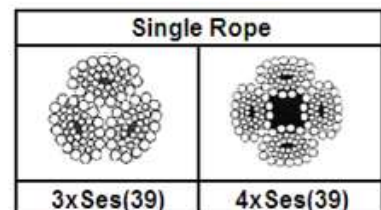
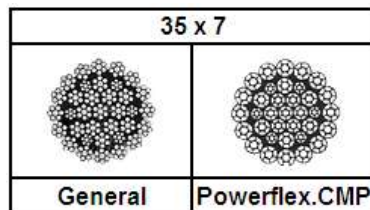
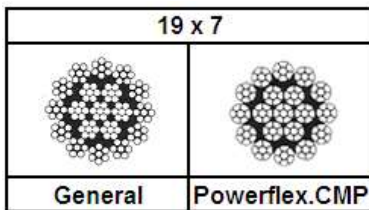


6 X 37 + FC. IWRC.

Norminal Dia		Minimum Breaking Load(Ton)						Weight	
		1620N/mm ²		1770N/mm ²		1960N/mm ²		kg/M	
mm	inch	FC	IWRC	FC	IWRC	FC	IWRC	FC	IWRC
30.0	1 - 3/16	48.8	52.1	52.0	56.9	56.4	61.6	3.243	3.617
32.0	1 - 1/4	55.5	59.3	59.2	64.7	64.1	70.1	3.689	4.116
34.0	1 - 5/16	62.7	67.0	66.8	73.1	72.4	79.1	4.165	4.647
35.0	1 - 3/8	66.4	71.0	70.8	77.4	76.7	83.9	4.414	4.924
36.0	1 - 7/16	70.3	75.1	74.9	81.9	81.2	88.7	4.669	5.210
38.0	1 - 1/2	78.3	83.7	83.5	91.3	90.5	98.9	5.203	5.805
40.0	1 - 9/16	86.8	92.7	92.5	101	100	110	5.765	6.431
42.0	1 - 11/16	95.7	102	102	111	111	121	6.356	7.091
44.0	-	105	112	112	122	121	133	6.975	7.783
44.5	1 - 3/4	107	115	115	125	124	136	7.135	7.960
46.0	-	115	123	122	134	133	145	7.624	8.506
48.0	1 - 7/8	125	133	133	146	144	158	8.301	9.262
50.0	-	136	145	145	158	157	171	9.007	10.05

3. Non - Rotating Rope.

※ Application: Suitable Rope for high lifting Tower Crane



**- Non - Rotating Rope Spec
: Multi Rope**



35 X 7 {7+6 X 7+[(6 X 7)+(6 X 7)]+16 X 7}

Norminal Dia		General				Powerflex, CMP		
		MBL(Ton)			Weight	MBL(Ton)		Weight
mm	inch	1770N/mm ²	1960N/mm ²	2160N/mm ²	kg/M	1960N/mm ²	2160N/mm ²	kg/M
16	5/8"	17.9	21.3	23.0	1.14	23.9	25.6	1.31
18	-	22.6	26.9	29.5	1.44	30.3	32.4	1.65
19	3/4"	25.2	30.0	32.6	1.60	33.7	36.1	1.84
20	-	28.0	33.3	36.1	1.78	37.3	40.0	2.04
21	13/16"	30.8	36.7	39.8	1.96	41.2	44.1	2.25
22	-	33.8	40.3	43.7	2.15	45.2	48.4	2.47
22.2	7/8"	34.5	41.1	44.6	2.19	46.1	49.4	2.52
24	15/16"	40.3	47.9	51.9	2.56	53.8	57.6	2.94
25.4	1"	45.1	53.7	58.2	2.86	60.2	64.5	3.29
26	1 - 1/16"	47.3	56.2	61.0	3.00	63.1	67.6	3.45
28.6	1 - 1/8"	57.2	68.0	73.5	3.63	76.4	81.8	4.17
30	1 - 3/16"	62.9	74.8	80.8	3.99	84.0	90.0	4.59
31.8	1 - 1/4"	70.7	84.1	90.8	4.49	94.4	101.1	5.16
32	-	71.6	85.2	92.0	4.55	95.6	102.4	5.22
34	-	80.8	96.1	103.8	5.13	107.9	115.6	5.90
35	1 - 3/8"	85.6	101.9	110.0	5.44	114.4	122.5	6.25
36	-	90.6	107.8	116.4	5.75	121.0	129.6	6.61
38	-	100.9	120.1	129.7	6.41	134.8	144.4	7.37

19 X 7(1 + 6)

Norminal Dia		General				Powerflex, CMP			
		MBL(Ton)			Weight	MBL(Ton)			Weight
mm	inch	1770N/mm ²	1960N/mm ²	2160N/mm ²	kg/M	1770N/mm ²	1960N/mm ²	2160N/mm ²	kg/M
12	-	9.4	10.2	11.2	0.60	11.6	12.6	13.9	0.69
12.7	1/2"	10.6	11.4	12.5	0.67	13.0	14.1	15.6	0.78
14	-	12.8	13.9	15.2	0.82	15.8	17.1	19.0	0.94
16	5/8"	16.8	18.1	19.9	1.07	20.6	22.3	24.8	1.23
18	-	21.2	23.0	25.2	1.35	26.1	28.3	31.4	1.56
19	3/4"	23.7	25.6	28.1	1.50	29.1	31.5	34.9	1.74
20	-	26.2	28.3	31.1	1.67	32.2	34.9	38.7	1.93
21	13/16"	28.9	31.2	34.3	1.84	35.5	38.5	42.7	2.12
22	-	31.7	34.3	37.6	2.02	38.9	42.2	46.8	2.33
22.2	7/8"	32.4	35.0	38.4	2.06	39.7	43.1	47.8	2.38
24	15/16"	37.8	40.8	44.8	2.40	46.4	50.2	55.8	2.77
25.4	1"	42.3	45.7	50.2	2.69	51.9	56.3	64.4	3.11
26	1 - 1/16"	44.3	47.9	52.6	2.82	54.4	58.9	65.4	3.25
28.6	1 - 1/8"	53.6	57.9	-	3.41	65.8	71.3	-	3.94
30	1 - 3/16"	59.0	63.8	-	3.75	72.4	78.5	-	4.33
32	1 - 1/4"	67.1	72.5	-	4.27	82.4	89.3	-	4.93

**- Non - Rotating Rope Spec
: Single Rope / SAS ROPE**

※ Superior non-rotating characteristics.

Single Ropes

Nominal Dia		4 x Ses(39) +FC			3 x Ses(39)+FC		
		MBL(Ton)		Weight	MBL(Ton)		Weight
mm	inch	1770N/mm ²	1960N/mm ²	kg/M	1770N/mm ²	1960N/mm ²	kg/M
16	5/8	16.8	18.2	1.05	17.9	19.4	1.04
18	-	21.2	23.0	1.33	22.7	24.6	1.32
19	3/4	23.6	25.6	1.48	25.3	27.4	1.47
20	-	26.2	28.4	1.65	28.0	30.4	1.63
21	13/16	28.9	31.3	1.81	30.9	33.5	1.8
22	-	31.7	34.3	1.99	33.9	36.7	1.97
22.2	7/8	32.3	35.0	2.03	34.6	37.5	2.01
24	15/16	37.7	40.9	2.37	40.4	43.7	2.36
25.4	1	42.2	45.8	2.65	45.2	49.0	2.63
26	1 - 1/16	44.2	48.0	2.78	47.4	51.3	2.75
28.6	1 - 1/8	53.5	58.0	3.36	57.3	62.1	3.39
30	1-3/16	58.9	63.9	3.70	63.1	68.3	3.67
32	1-1/4	67.0	72.7	4.21	71.8	77.7	4.17
34	-	75.7	82.0	4.76	81.0	87.8	4.71
35	1-3/8	80.2	86.9	5.04	85.8	93.0	4.99
36	-	84.8	91.9	5.33	90.8	98.4	5.28
38	-	94.5	102.4	5.94	101.2	109.7	5.88



4. Crane. Fishing. Mining Powerflex and General purpose. : Powerflex . CMP Wire Rope

01. Excellent abrasion-resistance

04. High resistance to deformation

02. High breaking load

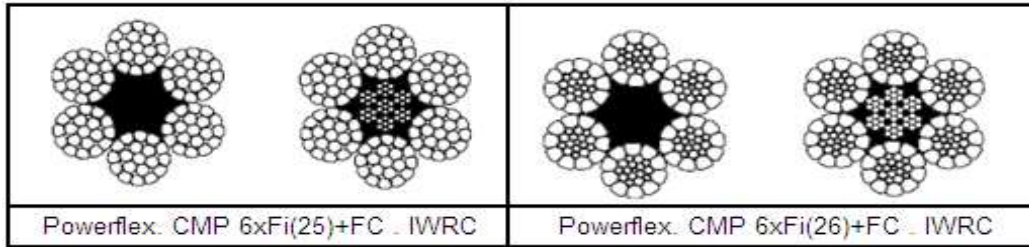
05. Longer drum and sheave life

03. Strong against corrosion

06. Excellent life time



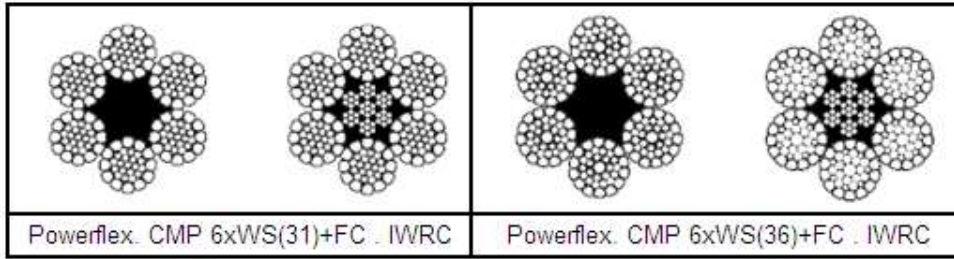
- Powerflex . CMP Wire Rope Spec
: 6 X 19 CLASS



Norminal Dia		Fiber Core[FC]			Wire Rope Core[IWRC]			
		MBL(Ton)		Weight	MBL(Ton)			Weight
mm	inch	1770N/mm ²	1960N/mm ²	kg/M	1770N/mm ²	1960N/mm ²	2160N/mm ²	kg/M
12	-	10.1	10.6	0.59	11.5	12.5	-	0.65
12.7	1/2	11.3	11.8	0.66	12.9	14.0	-	0.73
14	-	13.8	14.4	0.80	15.6	17.0	17.7	0.89
14.3	9/16	14.3	15.0	0.83	16.3	17.7	18.5	0.92
16	5/8	18.0	18.8	1.04	20.4	22.2	23.2	1.16
17.5	11/16	21.5	22.5	1.25	24.4	26.5	27.7	1.38
18	-	22.7	23.8	1.32	25.8	28.1	29.3	1.46
19	3/4	25.3	26.5	1.47	28.8	31.3	32.7	1.63
20	-	28.1	29.4	1.63	31.9	34.6	36.2	1.81
22.2	7/8	34.7	36.3	2.02	39.4	42.8	44.7	2.23
24	15/16	40.4	42.3	2.35	45.9	49.9	52.1	2.60
25.4	1	45.3	47.4	2.63	51.4	55.9	58.4	2.92
26	1 - 1/16	47.4	49.7	2.76	53.9	58.5	61.2	3.06
28	-	55.0	57.6	3.20	62.5	67.9	70.9	3.54
28.6	1 - 1/8	57.4	60.1	3.34	65.2	70.8	74.0	3.70
30	1 - 3/16	63.1	66.1	3.67	71.7	77.9	81.4	4.07
31.5	1 - 1/4	69.6	72.9	4.05	79.1	85.9	89.8	4.49
32	-	71.8	75.2	4.18	81.6	88.7	92.6	4.63
34	-	81.1	84.9	4.72	92.2	100.1	104.6	5.23
35	1 - 3/8	85.9	90.0	5.00	97.7	106.1	110.8	5.54
36	-	90.9	95.2	5.29	103.3	112.2	117.3	5.86
38.1	1 - 1/2	101.8	106.6	5.92	115.7	125.7	131.3	6.56
40	-	112.2	117.5	6.53	127.6	138.5	-	7.23
42	-	123.8	129.6	7.20	140.6	152.7	-	7.97
44.5	1 - 3/4	138.6	145.1	8.06	157.5	171.1	-	8.93
46	-	148.4	155.4	8.64	168.7	183.2	-	9.56
48	-	161.6	-	9.40	183.7	-	-	10.41
50	2	175.4	-	10.20	199.3	-	-	11.30
52	-	189.7	-	11.04	215.6	-	-	12.22



- Powerflex . CMP Wire Rope Spec
: 6 X 37 CLASS



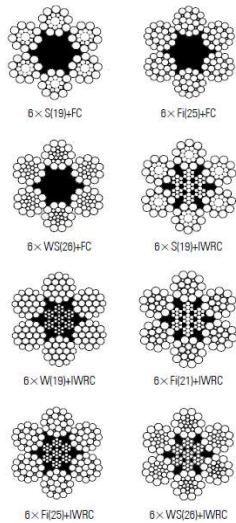
Nominal Dia		Fiber Core[FC]			Wire Rope Core[IWRC]			
		MBL(Ton)		Weight	MBL(Ton)			Weight
mm	inch	1770N/mm ²	1960N/mm ²	kg/M	1770N/mm ²	1960N/mm ²	2160N/mm ²	kg/M
11.2	7/16	8.8	9.6	0.5	9.9	10.7		0.6
12.0	-	10.1	11.0	0.6	11.4	12.3		0.7
12.6	1/2	11.2	12.1	0.7	12.5	13.6		0.7
13.0	-	11.9	12.9	0.7	13.4	14.5		0.8
14.0	-	13.8	14.9	0.8	15.5	16.8	17.5	0.9
14.3	9/16	14.4	15.6	0.9	16.2	17.5	18.2	0.9
15.0	-	15.4	17.2	0.9	17.8	19.3	20.1	1.0
16.0	5/8	18.0	19.5	1.1	20.2	21.9	22.8	1.2
17.5	11/16	21.6	23.4	1.3	24.2	26.2	27.3	1.4
18.0	-	22.8	24.7	1.4	25.6	27.7	28.9	1.5
19.0	3/4	25.4	27.5	1.5	28.5	30.9	32.2	1.7
20.0	-	28.2	30.5	1.7	31.6	34.3	35.7	1.9
21.0	13/16	31.1	33.6	1.8	34.8	37.8	39.3	2.0
22.2	7/8	35.3	38.3	2.1	39.6	43.0	44.0	2.3
24.0	15/16	40.6	43.9	2.4	45.5	49.3	51.3	2.7
25.0	-	44.0	47.7	2.6	49.4	53.5	55.7	2.9
25.4	1	45.4	49.2	2.7	51.0	55.3	57.5	3.0
26.0	1 - 1/16	47.6	51.6	2.8	53.4	57.9	60.3	3.1
28.0	-	55.2	59.8	3.3	61.9	67.1	69.9	3.6
28.6	1 - 1/8	57.6	62.4	3.4	64.6	70.1	72.9	3.8
30.0	1 - 3/16	63.4	68.6	3.8	71.1	77.1	80.2	4.2
32.0	1 - 1/4	72.1	78.1	4.3	80.9	87.7	91.3	4.8
34.0	1 - 5/16	81.4	88.2	4.8	91.3	99.0	103.0	5.4
35.0	1 - 3/8	86.3	93.4	5.1	96.8	105.0	109.2	5.7
36.0	1 - 7/16	91.3	98.8	5.4	102.0	111.0	115.5	6.0
38.0	1 - 1/2	102.0	110.0	6.0	114.0	124.0	128.7	6.7
40.0	1 - 9/16	113.0	122.0	6.7	126.0	137.0	-	7.4



General Wire Rope Spec
: 6 X 19 CLASS



- 6 x S(19)+FC
- 6 X S(19)+IWRC
- 6 X FI(25)+FC
- 6 X FI(25)+IWRC
- 6XWS(26)+FC
- 6XWS(26)+IWRC



Norminal Dia		Fiber Core[FC]			Wire Rope Core[IWRC]		
		MBL(Ton)		Weight	MBL(Ton)		Weight
mm	inch	1620N/mm ²	1770N/mm ²	kg/M	1770N/mm ²	1960N/mm ²	kg/M
10.0	-	5.5	5.9	0.4	6.6	7.1	0.4
11.2	7/16	6.9	7.4	0.5	8.3	9.0	0.5
12.0	-	7.9	8.5	0.5	9.5	10.3	0.6
12.6	1/2	8.7	9.3	0.6	10.5	11.3	0.610
13.0	-	9.3	9.9	0.6	11.1	12.1	0.6
14.0	-	10.8	11.5	0.7	12.9	14.0	0.8
14.3	9/16	11.3	12.0	0.7	13.5	14.6	0.8
15.0	-	12.4	13.2	0.820	14.8	16.1	0.9
16.0	5/8	14.1	15.1	0.9	16.9	18.3	1.0
17.5	11/16	16.9	18.0	1.1	20.2	21.9	1.2
18.0	-	17.8	19.1	1.2	21.4	23.1	1.2
19.0	3/4	19.9	21.2	1.3	23.8	25.8	1.4
20.0	-	22.0	23.5	1.5	26.4	28.6	1.5
21.0	13/16	24.3	25.9	1.6	29.1	31.5	1.7
22.4	7/8	27.6	29.5	1.8	33.1	35.8	1.9
24.0	15/16	31.7	33.9	2.1	38.0	41.1	2.2
25.0	-	34.4	36.8	2.3	41.2	44.6	2.4
25.4	1	35.5	37.9	2.4	42.5	46.1	2.480
26.0	1 - 1/16	37.2	39.8	2.5	44.6	48.3	2.6
28.0	-	43.2	46.1	2.9	51.7	56.0	3.0
28.6	1 - 1/8	45.1	48.1	3.0	53.9	58.4	3.1
30.0	1 - 3/16	49.6	52.9	3.280	59.3	64.3	3.460
32.0	1 - 1/4	56.4	60.2	3.7	67.5	73.1	3.9
34.0	1- 5/16	63.7	68.0	4.2	76.2	82.5	4.4
35.0	1 - 3/8	67.5	72.1	4.5	80.7	87.5	4.710
36.0	1 - 7/16	71.4	76.2	4.7	85.4	92.5	5.0
38.0	1 - 1/2	79.5	84.9	5.3	95.2	103.0	5.6
40.0	1 - 9/16	88.1	94.1	5.8	105.0	114.0	6.2

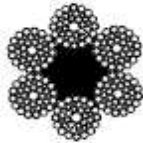


General Wire Rope Spec
: 6 X 37 CLASS

6XFI(29) + FC
 6XWS(31)+IWR
 6XWS(36)+FC
 6XWS(41)
 6XSES(37)



6xWG(36)+FC



6xWG(41)+FC



6xFI(29)+IWR



6xWG(36)+IWR



6xWG(41)+IWR

Nominal Dia		Fiber Core[FC]			Wire Rope Core[IWRC]		
		MBL(Ton)		Weight	MBL(Ton)		Weight
mm	inch	1770N/mm ²	1960N/mm ²	kg/M	1770N/mm ²	1960N/mm ²	kg/M
12.0	-	8.7	9.4	0.6	10.0	10.8	0.6
12.6	1/2	9.6	10.4	0.6	11.0	11.9	0.7
13.0	-	10.2	11.0	0.7	11.7	12.7	0.7
14.0	-	11.8	12.8	0.8	13.6	14.7	0.860
14.3	9/16	12.3	13.4	0.8	14.1	15.3	0.9
16.0	5/8	15.4	16.7	1.010	17.7	19.2	1.1
17.5	11/16	18.5	20.0	1.2	21.2	22.9	1.3
18.0	-	19.6	21.2	1.3	22.4	24.3	1.4
19.0	3/4	21.8	23.6	1.4	25.0	27.0	1.6
20.0	-	24.1	26.2	1.6	27.7	30.0	1.750
21.0	13/16	26.6	28.8	1.740	30.5	33.0	1.9
22.4	7/8	30.3	32.8	2.0	34.7	37.6	2.2
24.0	15/16	34.8	37.7	2.3	39.8	43.1	2.5
25.4	1	38.9	42.2	2.5	44.6	48.3	2.8
26.0	1 - 1/16	40.8	44.2	2.7	46.7	50.6	3.0
28.0	-	47.3	51.3	3.1	54.2	58.7	3.4
28.6	1 - 1/8	49.4	53.5	3.2	56.5	61.3	3.6
30.0	1 - 3/16	54.3	58.8	3.6	62.2	67.4	4.0
32.0	1 - 1/4	61.8	66.9	4.0	70.8	76.7	4.5
34.0	1 - 5/16	69.8	75.6	4.6	79.9	86.6	5.1
35.0	1 - 3/8	73.9	80.1	4.8	84.7	91.7	5.4
36.0	1 - 7/16	78.2	84.7	5.1	89.6	97.1	5.7
38.0	1 - 1/2	87.1	94.4	5.7	99.8	108.0	6.3
40.0	1 - 9/16	96.6	105.0	6.3	111.0	120.0	7.0
41.5	1 - 5/8	104.0	113.0	6.8	119.0	129.0	7.6
42.0	1 - 11/16	106.0	115.0	7.0	122.0	132.0	7.7
44.0	-	117.0	127.0	7.6	134.0	145.0	8.5
44.5	1 - 3/4	120.0	129.0	7.8	137.0	148.0	8.7
46.0	-	128.0	138.0	8.3	146.0	158.0	9.3
48.0	1 - 7/8	139.0	151.0	9.1	159.0	173.0	10.1
50.0	-	151.0	163.0	9.9	173.0	187.0	11.0
50.8	2	156.0	169.0	10.2	178.0	193.0	11.3
52.0	2 - 1/16	163.0	177.0	10.7	187.0	203.0	11.9
54.0	2 - 1/8	176.0	191.0	11.5	202.0	218.0	12.8
56.0	-	189.0	205.0	12.4	217.0	235.0	13.8
57.2	2 - 1/4	197.0	214.0	12.9	226.0	245.0	14.4
58.0	-	203.0	220.0	13.3	233.0	252.0	14.8
60.0	2 - 3/8	217.0	235.0	14.2	249.0	270.0	15.8
63.0	-	240.0	259.0	15.7	274.0	297.0	17.4
63.5	2 - 1/2	243.0	264.0	15.9	279.0	302.0	17.7
74.0	-	330.0	358.0	21.6	379.0	410.0	24.0
76.2	3	350.0	380.0	22.9	401.0	435.0	25.5

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