



CANADIAN STANDARDS

WEIGHT AND BREAKING LOAD OF 6 x 19 CLASSIFICATION
ROUND STRAND ROPE

DIAMETER		WEIGHT				NOMINAL BREAKING LOAD			
Inches	mm	Fibre Core		IWRC		Grade 110/120 Improved Plow			
		LBS/FOOT	KG/m	LBS/FOOT	KG/m	Fibre Core		IWRC	
						Tons 2000 Lbs.	Tonnes (metric)	Tons 2000 Lbs.	Tonnes (metric)
3/16	4.8	0.06	.08	0.066	.10	1.4	1.27	1.6	1.5
1/4	6.4	.10	.15	.110	.16	2.7	2.4	2.9	2.6
5/16	7.9	.16	.24	.178	.28	4.1	3.7	4.4	4.0
3/8	9.5	.23	.34	.25	.37	5.0	5.4	6.4	5.8
7/16	11.1	.31	.46	.34	.51	6.0	7.2	8.6	7.8
1/2	12.7	.40	.60	.44	.66	10.6	9.52	11.2	10.15
9/16	14.3	.51	.76	.56	.83	13.3	12.0	14.3	13.0
5/8	15.9	.63	.94	.69	1.03	18.5	15.0	17.7	16.0
3/4	19.0	.90	1.34	.99	1.47	23.0	20.67	25.5	23.1
7/8	22.2	1.23	1.84	1.35	2.00	32.0	29.0	34.4	31.2
1	25.4	1.60	2.40	1.75	2.60	41.7	37.8	44.8	40.8
1-1/8	26.6	2.03	3.00	2.23	3.32	53.0	48.1	56.9	51.5
1-1/4	31.8	2.50	3.72	2.75	4.10	65.5	59.4	70.4	63.8
1-3/8	34.9	3.03	4.50	3.33	4.95	81.0	73.3	87.0	79.0
1-1/2	38.1	3.60	5.40	3.95	5.90	96.0	87.0	103.2	93.6
1-5/8	41.3	4.23	6.30	4.65	6.92	113	103	121.4	110
1-3/4	44.5	4.90	7.30	5.39	8.02	130	118	139.7	127
1-7/8	47.6	5.63	8.38	6.19	9.20	152	138	163.4	148
2	50.8	6.40	9.52	7.04	10.50	169	153	181.6	165
2-1/4	57.2	8.10	12.05	8.91	13.30	210	191	225.7	205
2-1/2	63.5	10.00	15.00	11.00	16.40	260	236	279.5	254
2-3/4	70.0	12.10	18.00	13.31	19.80	305	277	327.8	297

Breaking loads shown are subject to a minus tolerance of 5%

Weights and breaking loads shown are in accordance with Standard Number C 4 of the Canadian Standards Association

WEIGHT AND BREAKING LOAD OF
6 x 37 CLASSIFICATION ROUND STRAND ROPE

DIAMETER		WEIGHT				NOMINAL BREAKING LOAD			
Inches	mm	Fibre Core		Steel Core		Grade 110/120 Improved Plow			
		LBS/FOOT	KG/m	LBS/FOOT	KG/m	Fibre Core		Steel Core	
						Tons 2000 Lbs.	Tonnes (metric)	Tons 2000 Lbs.	Tonnes (metric)
1/4	6.4	0.10	.15	0.110	.16	2.4	2.18	2.6	2.30
5/16	7.9	.16	.24	.176	.28	4.0	3.63	4.3	3.90
3/8	9.5	.22	.33	.242	.36	5.5	5.0	5.9	5.40
7/16	11.1	.30	.45	.33	.49	7.5	6.8	8.0	7.26
1/2	12.7	.38	.58	.43	.64	10.0	9.1	10.7	9.70
9/16	14.3	.49	.73	.54	.80	12.5	11.3	13.4	12.16
5/8	15.9	.61	.90	.67	1.00	15.5	14.15	16.6	15.06
3/4	19.0	.87	1.29	.96	1.43	22.4	20.32	23.8	21.60
7/8	22.2	1.19	1.77	1.31	1.95	30.2	27.4	32.4	29.40
1	25.4	1.55	2.30	1.70	2.53	39.5	35.6	42.4	38.5
1-1/8	29.6	1.95	2.90	2.16	3.22	49.0	44.5	52.8	47.7
1-1/4	31.8	2.42	3.60	2.66	3.96	61.0	55.3	65.5	59.4
1-3/8	34.9	2.93	4.36	3.22	4.80	74.5	67.8	80.0	72.6
1-1/2	38.1	3.49	5.20	3.84	5.70	90.0	81.6	96.7	87.7
1-5/8	41.3	4.09	6.09	4.50	6.70	105.5	95.7	113.4	103
1-3/4	44.5	4.75	7.07	5.23	7.78	121.0	110	130.0	118
1-7/8	47.6	5.45	8.10	6.00	8.93	142.0	129	152.6	138
2	50.8	6.20	9.22	6.82	10.15	165.0	141	166.6	151
2-1/4	57.2	7.85	11.68	8.04	12.86	201.0	182	216.0	196
2-1/2	63.5	9.69	14.42	10.7	15.92	245.0	222	263.8	239
2-3/4	70.0	11.72	17.44	12.9	19.20	293.0	266	316.0	286
3	76.2	15.20	22.2	16.72	24.95	346.0	314	378	342
3-1/4	82.5	18.80	27.8	20.35	30.06	403.0	369	450	407
3-1/2	113.6	21.00	31.3	23.03	37.7	464.0	420	521	472

Breaking loads shown are subject to a minus tolerance of 5%

Weights and breaking loads shown are in accordance with Standard Number C 4 of the Canadian Standards Association