

WEIGHTS AND BREAKING LOADS FOR STEEL WIRE ROPE

Construction: 6x19 / 6x36 Group IWRC						Construction: 6x19 / 6x36 Group Fibre Core					
Size	Mass	1770 Tensile Grade		1960 Tensile Grade		Size	Mass	1770 Tensile Grade		1960 Tensile Grade	
mm	Kg/100m	MBL tonnes	MBF kN	MBL tonnes	MBL kN	mm	Kg/100m	MBL tonnes	MBF kN	MBL tonnes	MBL kN
8	26.2	4.11	40.3	4.56	44.7	8	23.5	3.81	37.4	4.22	41.4
9	33.1	5.20	51.0	5.76	56.5	9	29.7	4.82	47.3	5.34	52.4
10	40.9	6.42	63.0	7.12	69.8	10	36.7	5.95	58.4	6.60	64.7
11	49.5	7.77	76.2	8.61	84.4	11	44.4	7.21	70.7	7.99	78.3
12	58.9	9.25	90.7	10.2	100.0	12	52.8	8.57	84.1	9.50	93.1
13	69.1	10.8	106.0	12.0	118.0	13	62.0	10.1	96.7	11.1	109.0
14	80.2	12.6	124.0	14.0	137.0	14	71.9	11.6	114.0	13.0	127.0
16	105.0	16.4	161.0	18.3	179.0	16	94.0	15.3	150.0	16.9	166.0
18	133.0	20.8	204.0	23.1	226.0	18	119.0	19.3	189.0	21.4	210.0
19	148.0	23.1	227.0	25.7	252.0	19	132.0	21.5	211.0	23.8	233.0
20	164.0	25.7	252.0	28.5	279.0	20	147.0	23.9	234.0	26.4	259.0
22	198.0	31.1	305.0	34.5	338.0	22	178.0	28.8	263.0	31.9	313.0
24	236.0	37.0	363.0	41.0	402.0	24	211.0	34.3	336.0	38.0	373.0
26	276.0	43.4	426.0	48.1	472.0	26	248.0	40.3	395.0	44.6	437.0
28	321.0	50.4	494.0	55.8	547.0	28	288.0	46.7	458.0	51.7	507.0
32	419.0	65.7	645.0	72.9	715.0	32	376.0	61.0	598.0	67.5	662.0
35	501.0	78.7	772.0	87.2	855.0	35	450.0	73.0	716.0	80.8	792.0
36	530.0	83.3	817.0	92.2	904.0	36	476.0	77.2	757.0	85.5	838.0
38	591.0	92.8	910.0	103.0	1010.0	38	530.0	85.9	843.0	95.3	834.0
40	654.0	103.0	1010.0	114.0	1120.0	40	567.0	95.3	935.0	106.0	1040.0

THESE ROPES ARE IN ACCORDANCE WITH BS EN 12385-4:2002