



SYNTHETIC ROPE

Nylon rope
3 & 8 strand

Spec. gravity: 1.14
Melting point: 215°C
Elongation at break: 45 %
Resistance against abrasion: good

Technical table for Rope and Cable
Actual breaking loads Weights per coil of 220 metres or 720 feet

CIRCUMFERENCE in Inches	1 1/2	2	2 1/4	3	3 1/4	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8
DIAMETER in mm	4	5	6	8	10	12	14	16	18	20	22	24	26	28
Weight in Lbs	5	8	11	20	32	46	62	80	102	126	152	182	213	244
Weight in kilos	2.3	3.6	5.2	9.2	14.3	20.7	28.2	36.5	46.2	57	69.2	82.5	96.6	110
Breaking load in kN	3.14	4.90	7.36	13.2	20.4	29.4	40.2	52.0	65.7	81.4	98.1	118	135	155
Breaking load in kilos	320	500	750	1.350	2.080	3.000	4.100	5.300	6.700	8.300	10.000	12.000	13.800	15.800
CIRCUMFERENCE in Inches	28	30	32	34	36	38	40	44	48	52	56	60	62	64
DIAMETER in mm	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/2	6	6 1/2	7	7 1/2	7 3/4	8
Weight in Lbs	247	284	322	364	408	461	505	611	732	849	983	1.129	—	—
Weight in kilos	112	129	146	165	185	209	229	277	332	385	445	512	—	—
Breaking load in kN	155	175	196	219	243	268	294	351	412	479	549	626	—	—
Breaking load in kilos	15.800	17.600	20.000	22.300	24.800	27.300	30.000	35.800	42.000	48.600	56.000	63.800	—	—
CIRCUMFERENCE in Inches	8	8 1/2	8 3/4	9	9 1/2	9 3/4	10	10 1/2	11	11 1/2	12	13	14	15
DIAMETER in mm	64	68	70	72	76	78	80	84	88	90	96	104	112	120
Weight in Lbs	1.283	1.451	—	1.627	1.812	—	2.010	—	2.434	—	2.895	3.508	3.968	4.468
Weight in kilos	582	658	—	738	822	—	912	—	1.104	—	1.313	1.591	1.800	2.030
Breaking load in kN	706	792	—	883	979	—	1.080	—	1.280	—	1.510	1.760	2.010	2.260
Breaking load in kilos	72.000	80.750	—	90.000	99.800	—	110.000	—	131.000	—	154.000	178.000	205.000	235.000
CIRCUMFERENCE in Inches	15	16	17	18	19	20								
DIAMETER in mm	120	128	136	144	152	160								
Weight in Lbs	4.564	5.181	5.842	6.614	—	—								
Weight in kilos	2.070	2.350	2.650	3.000	—	—								
Breaking load in kN	2.300	2.600	2.890	3.240	—	—								
Breaking load in kilos	235.000	265.000	295.000	330.000	—	—								