



ATLAS

Polyamide cable & rope
Made of Bayer-filaments
Cross lay

Spec. gravity: 1.14
 Melting point: 215°C
 Sturdy construction. Elongation at break: 25 %
 Resistance against abrasion: excellent

Technical table for Rope and Cable

Actual breaking loads

Weights per coil of 220 metres or 720 feet

CIRCUMFERENCE in inches	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4
DIAMETER in mm	4	5	6	8	10	12	14	16	18	20	22	24	26
Weight in Lbs	—	—	—	15	32	46	73	82	107	133	167	194	225
Weight in kilos	—	—	—	6.6	14.3	20.9	33	37.4	48.4	60.5	75.9	88	102
Breaking load in kN	—	—	—	10.8	23.5	34.3	53.9	60.8	75.5	97.1	119	140	165
Breaking load in kilos	—	—	—	1.100	2.400	3.500	5.500	6.200	7.700	9.900	12.100	14.300	16.800

CIRCUMFERENCE in inches	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
DIAMETER in mm	28	30	32	34	36	38	40	44	46	52	56	60	62
Weight in Lbs	249	—	315	—	353	—	485	606	719	780	970	—	1.131
Weight in kilos	113	—	143	—	160	—	220	275	326	354	440	—	513
Breaking load in kN	181	—	235	—	255	—	333	451	539	579	716	—	834
Breaking load in kilos	18.500	—	24.000	—	26.000	—	34.000	46.000	55.000	59.000	73.000	—	85.000

CIRCUMFERENCE in inches	8	8 1/2	8 3/4	9	9 1/2	9 3/4	10	10 1/2	11	11 1/4	12	13	14
DIAMETER in mm	64	68	70	72	76	78	80	84	88	90	96	104	112
Weight in Lbs	—	1.358	—	1.631	1.896	—	—	2.061	—	2.449	2.837	3.505	3.968
Weight in kilos	—	616	—	740	860	—	—	935	—	1.111	1.287	1.591	1.800
Breaking load in kN	—	1.010	—	1.170	1.340	—	—	1.510	—	1.780	2.050	2.320	2.600
Breaking load in kilos	—	103.000	—	119.000	137.000	—	—	154.000	—	181.000	209.000	237.000	265.000

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	5.844	6.612	7.571	8.366
Weight in kilos	2.070	2.350	2.651	2.999	3.434	3.795
Breaking load in kN	2.960	3.320	3.720	4.170	4.730	5.180
Breaking load in kilos	302.000	339.000	379.000	425.000	482.000	528.000