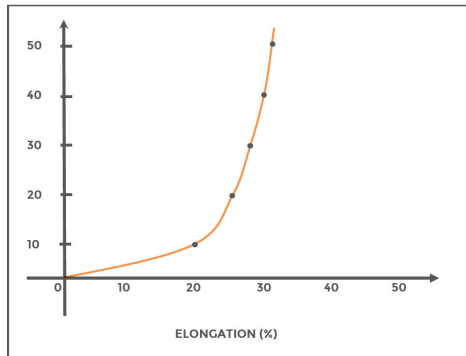


POLYAMIDE – 100% Nylon

Product Description:

100% Nylon Ropes from Axiom are strong, durable and commonly used in the industry. These ropes are high in strength, with a longer wear life and are developed for high energy absorbing applications. They are flexible, with maximum bearing surface for superior handling, these ropes are specially used for peak dynamic loads during mooring and towing operations.

Percentage Elongation:



Physical characteristics:

- Construction: 3, 4, 8 & 12 strand
- Available with covered eyes.
- High strength
- Shock absorbent
- Excellent well strength retention
- Torque free
- Balanced and easy to handle
- Superior working in rigorous conditions
- Excellent abrasion resistance

Properties:

- Material: Polyamide
- Construction: 3-4-8-12 Strand
- Colour: White
- Specific Gravity: 1.14
- Melting Point: 220 °c
- U.V Resistance: Average (as per customer request)
- Dry & Wet conditions: Strength declines when wet
- Abrasion Resistance: Good
- Classification: GL & Mills
- Floats/Sinks: Sinks

Applications:

- Mooring and pendant lines
- Towing and shock lines
- Deep water buoy lines

POLYAMIDE - 100% Nylon: 12 Strand

Dia. mm	Dia. Inch	Cir. Inch	Wt. Per 220 Mtrs. In Kgs.	Wt. Per 200 Mtrs. In Kgs.	Wt. Per 220 Mtrs. In Lbs.	Wt. Per 200 Mtrs. In Lbs.	Mtr/ Kg	Feet/ Kg	MBL			Maximum Length Mtr.
									Kgf	Lbs	KN	
52	2-1/16	6-1/2	387.00	351.82	851.00	773.64	0.57	1.86	54000	118800	529.41	650
56	2-1/4	7	449.00	408.18	988.00	898.18	0.49	1.61	61200	134640	600.00	550
60	2-3/8	7-1/2	512.00	465.45	1126.00	1023.64	0.43	1.41	70400	154880	690.20	500
64	2-1/2	8	579.00	526.36	1274.00	1158.18	0.38	1.25	79200	174240	776.47	450
68	2-15/16	8-1/2	666.00	605.45	1465.00	1331.82	0.33	1.08	89000	195800	872.55	400
72	2-7/8	9	739.00	671.82	1626.00	1478.18	0.30	0.98	98900	217580	969.61	350
76	3	9-1/2	822.00	747.27	1808.00	1643.64	0.27	0.88	110000	242000	1078.43	300
80	3-5/32	10	913.00	830.00	2009.00	1826.36	0.24	0.79	121000	266200	1186.27	300
84	3-1/2	10-1/2	1000.00	909.09	2200.00	2000.00	0.22	0.72	132000	290400	1294.12	250
88	3-7/16	11	1100.00	1000.00	2420.00	2200.00	0.20	0.66	144100	317020	1412.75	220
92	3-7/8	11-1/2	1110.00	1009.09	2686.00	2441.82	0.20	0.65	157000	345400	1539.22	220
96	3-13/16	12	1339.00	1217.00	2945.00	2677.00	0.16	0.52	169000	371800	1656.86	220
100	3-15/16	12-3/8	1420.00	1290.91	3124.00	2840.00	0.15	0.49	176000	387200	1725.49	220
*104	4-1/2	13	-	1400.00	-	3080.00	0.14	0.45	181300	398860	1777.45	*200
*112	1-7/8	14	-	1304.00	-	2868.00	0.12	0.39	208000	457600	2039.22	*160
*120	5	15	-	1403.00	-	3086.00	0.10	0.32	238076	523767	2334.08	*150

POLYAMIDE - 100% Nylon: 8 Strand

Dia. mm	Dia. Inch	Cir. Inch	Wt. Per 220 Mtrs. In Kgs.	Wt. Per 200 Mtrs. In Kgs.	Wt. Per 220 Mtrs. In Lbs.	Wt. Per 200 Mtrs. In Lbs.	Mtr/ Kg	Feet/ Kg	MBL			Maximum Length Mtr.
									Kgf	Lbs	KN	
36	1-7/16	4-1/2	185.30	168.45	407.66	370.60	1.19	3.89	25000	55000	245.10	300
40	1-5/8	5	228.00	207.27	501.60	456.00	0.96	3.16	30000	66000	294.12	250
44	1-3/4	5-1/2	277.00	251.82	609.40	554.00	0.79	2.61	36000	79200	352.94	550
48	1-15/16"	6	330.00	300.00	726.00	660.00	0.67	2.19	42000	92400	411.76	450
52	2-1/16	6-1/2	387.00	351.82	851.40	774.00	0.57	1.86	49000	107800	480.39	400
56	2-1/4	7	449.00	408.18	987.80	898.00	0.49	1.61	56000	123200	549.02	350
60	2-3/8	7-1/2	512.00	465.45	1126.40	1024.00	0.43	1.41	64000	140800	627.45	500
64	2-1/2	8	579.00	526.36	1273.80	1158.00	0.38	1.25	72000	158400	705.88	450
68	2-15/16	8-1/2	666.00	605.45	1465.20	1332.00	0.33	1.08	81000	178200	794.12	400
70	2-3/4	8-11/16	702.00	638.18	1544.40	1403.99	0.33	1.09	85000	187000	803.92	350
72	2-7/8	9	739.00	671.82	1625.80	1478.00	0.30	0.98	90000	198000	882.35	350
76	3	9-1/2	822.00	747.27	1808.40	1644.00	0.27	0.88	100000	220000	980.39	300
80	3-1/4	10	913.00	830.00	2008.60	1826.00	0.24	0.79	110000	242000	1078.43	300
84	3-1/2	10-1/2	1005.00	913.64	2211.00	2010.00	0.22	0.72	120000	264000	1176.47	250
88	3-15/16	11	1100.00	1000.00	2420.00	2200.00	0.20	0.66	131000	288200	1284.31	220
92	3-7/8	11-1/2	1221.00	1110.00	2686.00	2442.00	0.18	0.59	143179	314994	1403.72	220
96	3\3/4	12	1300.00	1181.00	2860.00	2598.00	0.16	0.52	154000	338800	1509.80	220
*104	4-1/2	13	-	1400.00	-	3058.00	0.15	0.49	178000	391600	1745.10	*200
*112	1-7/8	14	-	1295	-	2849.00	0.12	0.39	207200	455840	2031.37	*160
*120	5	15	-	1403	-	3086.00	0.10	0.33	235800	518760	2311.76	*150

POLYAMIDE - 100% Nylon: 3 Strand

Dia. mm	Dia. Inch	Cir. Inch	Wt. Per 220 Mtrs. In Kgs.	Wt. Per 200 Mtrs. In Kgs.	Wt. Per 220 Mtrs. In Lbs.	Wt. Per 200 Mtrs. In Lbs.	Mtr/ Kg	Feet/ Kg	MBL			Maximum Length Mtr.
									Kgf	Lbs	KN	
6	7/32	3/4	5.20	4.73	11.44	10.40	42.31	138.77	749	1648	7.34	440
8	5/16	1	9.20	8.36	20.24	18.40	23.91	78.43	1346	2961	13.20	440
10	3/8	1-1/4	14.30	13.00	31.46	28.60	15.38	50.46	2080	4576	20.39	330
12	1/2	1-1/2	20.61	18.74	45.34	41.22	10.67	35.01	2999	6598	29.40	250
14	9/16	1-3/4	28.10	25.55	61.82	56.20	7.83	25.68	4100	9020	40.20	1200
16	5/8	2	36.50	33.18	80.30	73.00	6.03	19.77	5304	11669	52.00	900
18	3/4	2-1/4	46.20	42.00	101.64	92.40	4.76	15.62	6732	14810	66.00	700
20	13/16	2-1/2	57.20	52.00	125.84	114.40	3.85	12.62	8262	18176	81.00	650
22	7/8	2-3/4	69.00	62.73	151.80	138.00	3.19	10.46	9996	21991	98.00	800
24	1	3	82.00	74.55	180.40	164.00	2.68	8.80	12036	26479	118.00	650
28	1-1/8	3-1/2	112.00	101.82	246.40	224.00	1.96	6.44	15810	34782	155.00	500
30	1-1/4	3-3/4	128.00	116.36	283.14	257.40	1.72	5.64	17900	39380	175.49	450
32	1-5/16	4	146.00	132.73	321.20	292.00	1.51	4.94	19992	43982	196.00	350
34	1-3/8	4-1/4	165.00	150.00	363.66	330.60	1.33	4.37	22500	49500	220.59	330
36	1-7/16	4-1/2	176.00	160.00	387.20	352.00	1.25	4.10	24000	52800	235.29	300
40	1-5/8	5	218.00	198.18	479.60	436.00	1.01	3.31	29100	64020	285.29	250
44	1-3/4	5-1/2	264.00	240.00	580.80	528.00	0.83	2.73	34200	75240	335.29	700
48	1-15/16	6	312.00	283.64	686.40	624.00	0.71	2.31	40300	88660	395.10	600
52	2-1/16	6-1/2	364.00	330.91	800.80	728.00	0.60	1.98	47000	103400	460.78	600
56	2-1/4	7	424.00	385.45	932.80	848.00	0.52	1.70	53400	117480	523.53	500
60	2-3/8	7-1/2	486.00	441.82	1069.20	972.00	0.45	1.48	61500	135300	602.94	450
64	2-1/2	8	554.00	503.64	1218.80	1108.00	0.40	1.30	69000	151800	676.47	400
70	2-3/4	8-11/16	664.00	603.64	1460.00	1327.27	0.33	1.09	82000	180400	803.92	350
72	2-7/8	9	700.00	636.36	1540.00	1400.00	0.31	1.03	85500	188100	838.24	300
80	3-1/4	10	866.00	787.27	1905.20	1732.00	0.25	0.83	104000	228800	1019.61	250
88	3-15/16	11	1048.00	952.73	2305.60	2096.00	0.21	0.69	124500	273900	1220.59	200
90	3-9/16	11-1/8	1096.00	996.36	2411.20	2192.00	0.20	0.66	130200	286440	1276.47	200