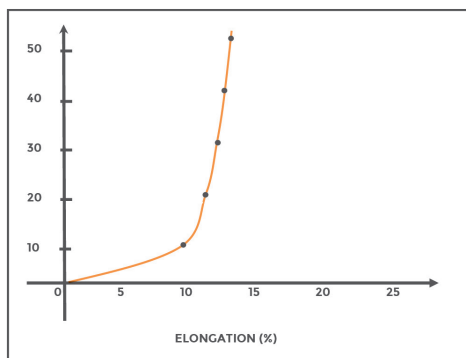


AOXI FLEX – 100% Polyester Polydacron Polyester

Product Description:

Aoxi Flex Ropes has been developed with continuous R&D efforts. These 8-strand ropes offer high tenacity and are produced from exclusive high tensile man-made fibre polydacron which yields 70 to 75% higher strength than standard polypropylene ropes. Aoxi Flex Ropes have higher abrasion resistance and longer life span. With excellent wear life performance characteristics, Aoxi Flex Ropes have become the accepted economical replacement to the traditional eight strand polypropylene.

Percentage Elongation:



Properties:

- Construction: 3-4-8-12 Strand
- Material: 100% Polyester
- Colour: White
- Specific Gravity: 1.38
- Melting Point: 256 °c
- U.V Resistance: Excellent (as per customer request)
- Dry & Wet conditions: Excellent
- Abrasion Resistance: Good
- Classification: GL & Mills
- Floats/Sinks: SINKS

Physical characteristics:

- 70-75% stronger
- high abrasion resistance
- Superior sunlight resistance due to SL-5 ultraviolet inhibitors
- Excellent visibility and identification

Applications:

- Block lines
- Pulling lines
- Slings and mooring pendants
- Mooring and tie-up lines
- Floating tow lines

AOXI FLEX: 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	451.00	410.00	992.20	902.00	0.49	1.60	48200	106040	472.55	700
56	2-1/4	7	524.00	476.36	1153.00	1048.18	0.42	1.38	55600	122320	545.10	600
60	2-3/8	7-1/2	600.00	545.45	1320.00	1200.00	0.37	1.20	63000	138600	617.65	500
64	2-1/2	8	684.20	622.00	1505.00	1368.18	0.32	1.05	71000	156200	696.08	450
68	2-15/16	8-1/2	772.20	702.00	1698.00	1543.64	0.28	0.93	80200	176440	786.27	400
72	2-7/8	9	864.60	786.00	1901.00	1728.18	0.25	0.83	89500	196900	877.45	370
76	3	9-1/2	965.80	878.00	2123.00	1930.00	0.23	0.75	99400	218680	974.51	325
80	3-1/4	10	1067.00	970.00	2347.00	2133.64	0.21	0.68	110000	242000	1078.43	300
84	3-1/2	10-1/2	1179.00	1071.82	2594.00	2358.18	0.19	0.61	118500	260700	1161.76	250
88	3-15/16	11	1292.00	1174.55	2842.00	2583.64	0.17	0.56	129300	284460	1267.65	220
92	3-7/8	11-1/2	1413.00	1284.55	3109.00	2826.36	0.16	0.51	140800	309760	1380.39	220
96	3-3/4	12	1537.00	1390.00	3380.00	3058.00	0.14	0.46	154000	338800	1509.80	220
100	4	12-1/2	1545.00	1404.00	3399.00	3091.00	0.13	0.43	166000	365200	1627.45	220
104	4-1/2	13	1800.00	1640.00	3960.00	3608.00	0.12	0.39	178200	392040	1747.10	220
*112	1-7/8	14	-	1710.00	-	3762.00	0.10	0.32	205440	451968	2014.10	*180

AOXI FLEX: 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	
48	1-15/16	6	385.00	350.00	847.00	770.00	0.57	1.87	38600	84920	378.43	350
52	2-1/16	6-1/2	451.00	410.00	992.20	902.00	0.49	1.60	45000	99000	441.18	300
56	2-1/4	7	523.60	476.00	1151.92	1047.20	0.42	1.38	51500	113300	504.90	250
60	2-3/8	7-1/2	600.00	545.45	1320.00	1200.00	0.37	1.20	58500	128700	573.53	220
64	2-1/2	8	684.20	622.00	1505.24	1368.40	0.32	1.05	66600	146520	652.94	450
68	2-15/16	8-1/2	772.20	702.00	1698.84	1544.40	0.28	0.93	74400	163680	729.41	420
72	2-7/8	9	864.60	786.00	1902.12	1729.20	0.25	0.83	83000	182600	813.73	375
76	3	9-1/2	965.80	878.00	2124.76	1931.60	0.23	0.75	92500	203500	906.86	300
80	3-1/4	10	1067.00	970.00	2347.40	2134.00	0.21	0.68	102000	224400	1000.00	300
84	3-1/2	10-1/2	1179.00	1071.82	2593.80	2358.00	0.19	0.61	112000	246400	1098.04	275
88	3-15/16	11	1291.00	1173.64	2840.20	2582.00	0.17	0.56	122000	268400	1196.08	250
92	3-7/8	11-1/2	1413.00	1284.55	3108.60	2826.00	0.16	0.51	133000	292600	1303.92	220
96	3-3/4	12	1537.00	1398.00	3381.40	3075.00	0.14	0.46	144000	316800	1411.76	220
100	4	12-12	1545.00	1405.00	3399.00	3091.00	0.14	0.46	155500	342100	1524.51	220
*104	4-1/2	13	-	1640.00	-	3608.00	0.12	0.39	167000	367400	1637.25	*200
*112	1-7/8	14	-	1615.00	-	3553.00	0.10	0.32	192000	422400	1882.35	*170

AOXI FLEX: 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	1/4	3/4	5.90	5.36	12.98	11.80	37.29	122.31	600	1320	5.88	500
8	5/16	1	10.50	9.55	23.10	21.00	20.95	68.72	1020	2244	10.00	440
10	3/8	1-1/4	16.70	15.18	36.74	33.40	13.17	43.21	1600	3520	15.69	330
12	1/2	1-1/2	24.20	22.00	53.24	48.40	9.09	29.82	2300	5060	22.55	220
14	9/16	1-3/4	32.50	29.55	71.50	65.00	6.77	22.20	3200	7040	31.37	1200
16	5/8	2	43.00	39.09	94.60	86.00	5.12	16.78	4100	9020	40.20	900
18	3/4	2-1/4	54.00	49.09	118.80	108.00	4.07	13.36	5100	11220	50.00	700
20	13/16	2-1/2	66.60	60.55	146.52	133.20	3.30	10.83	6300	13860	61.76	650
22	7/8	2-3/4	80.70	73.36	177.54	161.40	2.73	8.94	7600	16720	74.51	650
24	1	3	96.00	87.27	211.20	192.00	2.29	7.52	9100	20020	89.22	550
26	1-1/13	3-1/4	112.50	102.27	247.50	225.00	1.96	6.41	10700	23540	104.90	500
28	1-1/8	3-1/2	130.50	118.64	287.10	261.00	1.69	5.53	12200	26840	119.61	450
30	1-1/4	3-3/4	150.00	136.36	330.00	300.00	1.47	4.81	13700	30140	134.31	350
32	1-5/16	4	171.00	155.45	376.20	342.00	1.29	4.22	15700	34540	153.92	300
34	1-3/8	4-1/2	192.70	175.18	423.94	385.40	1.14	3.74	17400	38280	170.59	300
36	1-7/16	4-1/2	216.00	196.36	475.20	432.00	1.02	3.34	19400	42680	190.20	250
40	1-5/8	5	267.00	242.73	587.40	534.00	0.82	2.70	24000	52800	235.29	220
42	1-21/32	5-1/4	293.00	266.36	644.60	586.00	0.75	2.46	25900	56980	253.92	700
44	1-3/4	5-1/2	322.80	293.45	710.16	645.60	0.68	2.24	28400	62480	278.43	650
48	1-15/16	6	385.00	350.00	847.00	770.00	0.57	1.87	36670	80674	359.51	600
50	2	6-1/4	417.00	379.09	917.40	834.00	0.53	1.73	34390	75658	337.16	500
52	2-1/16	6-1/2	451.00	410.00	992.20	902.00	0.49	1.60	42750	94050	419.12	450
56	2-1/4	7	524.00	476.36	1152.80	1048.00	0.42	1.38	48920	107624	479.61	400
60	2-3/8	7-1/2	600.00	545.45	1320.00	1200.00	0.37	1.20	55570	122254	544.80	350
64	2-1/2	8	684.00	621.82	1504.80	1368.00	0.32	1.05	63270	139194	620.29	300
68	2-15/16	8-1/2	772.00	701.82	1698.40	1544.00	0.28	0.93	70680	155496	692.94	265
70	2-3/4	8-11/16	817.00	742.73	1797.40	1634.00	0.27	0.88	64690	142318	634.22	250
72	2-7/8	9	865.00	786.36	1903.00	1730.00	0.25	0.83	78850	173470	773.04	220
76	3	9-1/2	966.00	878.18	2125.20	1932.00	0.23	0.75	87870	193314	861.47	200
80	3-1/4	10	1067.00	970.00	2347.40	2134.00	0.21	0.68	96900	213180	950.00	183
84	3-1/2	10-1/2	1179.00	1071.82	2593.80	2358.00	0.19	0.61	106400	234080	1043.14	183
88	3-15/16	11	1291.00	1173.64	2840.20	2582.00	0.17	0.56	115900	254980	1136.27	165
90	3-9/16	11-1/8	1350.00	1227.27	2970.00	2700.00	0.16	0.53	105300	231660	1032.35	165
*96	3-3/4	12	-	1398.00	-	3076.00	0.14	0.47	119100	262020	1167.65	165