

Dong Yang Standard

for 3 S/T Synthetic Fiber Rope



Size			Polypropylene		Polyethylene		Nylon		Polyester		Vinylon		Manila		Leaded Rope	
Dia	Dia	Cir	Weight	MBL	Weight	MBL	Weight	MBL	Weight	MBL	Weight	MBL	Weight	MBL	Weight	MBL
mm	inch	inch	kg/200m	ton	kg/200m	ton	kg/200m	ton	kg/200m	ton	kg/200m	ton	kg/200m	ton	kg/200m	ton
4	5/32	1/2	1.5	215kg	1.6	200kg	1.95	320kg	2.4	295kg	2	150	2.3	190kg		
5	3/16	5/8	2.3	320	2.5	300	3	500	3.8	400	3	230	3.5	240		
6	1/4	3/4	3.5	600	3.6	400	4.5	750	5.5	565	4.5	330	5	285		
7	9/32	7/8	4.8	750	5.0	550	6.1	1020	7.5	770	6.1	430	7	370		
8	5/16	1	6.2	1060	6.4	700	7.8	1350	9.6	1020	7.8	560	9.5	545	9.5	470
9	3/8	1.1/8	7.8	1190	8.2	890	9.8	1700	12.3	1270	10	700	10.1	620	12.0	590
10	13/32	1.1/4	9.6	1560	10	1090	12.1	2080	15.2	1590	12	950	12.8	705	15.0	720
12	15/32	1.1/2	13.9	2210	14.8	1540	17.6	3000	22	2270	17.6	1370	19	1070	21.0	1010
14	9/16	1.3/4	18.8	3050	19	2090	23.9	4100	29.6	3180	24	1830	26.3	1460	28.5	1340
16	5/8	2	24.2	3.78 Ts	25	2.80 Ts	30.8	5.3 Ts	39	4.1 Ts	31	2.34 Ts	33.8	2.03 Ts	37.5	1.72 Ts
18	23/32	2.1/4	30.8	4.82	32	3.5	38.7	6.7	49	5.15	39	2.92	41.3	2.44	48.0	2.14
20	13/16	2.1/2	38	5.8	40	4.3	48	8.3	61	6.4	48	3.55	53	3.25	59.0	2.61
22	7/8	2.3/4	46	6.96	47	5.1	57.9	10	74	7.6	59	4.24	63.8	3.66	71.0	3.11
24	15/16	3	54.7	8.13	57	6.1	69.5	12	87	9.1	70	5	75	4.57	82.5	3.66
26	1.1/32	3.1/4	63.8	9.41	67	7	81.3	14	103	10.7	82	5.8	94	5.33	99.0	4.24
28	1.1/8	3.1/2	73.6	10.7	78	8.2	95.3	15.8	119	12.2	95	6.64	106	6.1	115.0	4.87
30	1.3/16	3.3/4	85.2	12.22	90	9.5	108	17.8	136	13.7	108	7.6	125	6.9	127.5	5.54
32	1.1/4	4	96.7	13.5	102	10.7	123	20	155	15.7	124	8.51	140	7.9	142.5	6.30
34	1.11/32	4.1/4	110	14.4	115	11.6	139	22	175	17.4	140	9.53	159	8.8	163.0	7.00
36	1.7/16	4.1/2	122	16.93	130	13.4	155	24.9	196	19.4	157	10.6	178	9.65	172.5	7.80
38	1.1/2	4.3/4	135	17.7	145	14.3	174	27.4	221	21.6	175	11.7	199	10.8	203.0	8.60
40	1.9/16	5	152	20.51	161	16.3	191	30	243	24	194	12.9	220	12	225.0	9.70
42	1.11/16	5.1/4	167	21.4	178	17.2	213	32.9	268	26.1	213	14.1	243	13.1	248.0	10.70
44	1.3/4	5.1/2	183	24.64	195	19.6	234	35.8	294	28.5	234	15.3			273.0	12.00
46	1.13/16	5.3/4	200	25.3	213	20.6	256	38.9	321	30.9	256	16.7			298.0	13.00
48	1.7/8	6	218	28.61	232	22.8	277	42	350	33.6	278	18			352.0	14.70
50	2	6.1/4	236	29.3	251	24.3	302	45.4	380	36.3	302	19.5				
52	2.1/16	6.1/2	256	33.11	279	26.4	328	48.9	410	39.2	322	21.1				
54	2.5/32	6.3/4	276	33.7	301	28.2	354	52.4	442	41.9						
56	2.1/4	7	297	37.86	324	30.4	381	56	475	44.8						
58	2.5/16	7.1/4	319	38.6	348	32.2	409	59.9	510	47.2						
60	2.3/8	7.1/2	340	43.29	362	34.4	438	63.9	546	49.9						
64	2.1/2	8	387	48.98	412	39.1	498	72	621	58						
72	2.7/8	9	490	61.5	522	49.1	630	90	786	72.1						
80	3.5/32	10	594	75.64	646	60.4	777	110	970	88.5						
88	3.7/16	11	719	90.77	782	72.5	940	131	1174	106						
96	3.13/16	12	856	107	931	85.5	1119	154	1397	126						
104	4.1/8	13	1005	122.9	1093	100.3	1313	182	1640	145						
112	4.7/16	14	1166	141.84	1268	116.3	1523	210	1902	165						
120	4.3/4	15	1339	162.86	1456	133.5	1748	240	2184	190						