

8-Strand Rope

Length : 200m

SIZE		Nylon		Polyester		PD WALL		SUPER PD WALL	
Dia (mm)	Circ. (inch)	Weight (kg)	M.B.L (ton)	Weight (kg)	M.B.L (ton)	Weight (kg)	M.B.L (ton)	Weight (kg)	M.B.L (ton)
32	4	123	21.0	155	17.2	103	17.0	117	20.4
36	4-1/2	155	26.4	196	21.2	133	23.0	148	26.0
40	5	191	33.0	243	26.4	164	29.0	183	32.0
42	5-1/4	213	36.0	268	28.7	183	32.0	203	35.5
44	5-1/2	234	39.4	294	31.4	200	34.0	224	39.1
45	5-5/8	244	41.0	308	32.7	209	36.0	234	40.5
48	6	277	46.4	350	36.8	237	40.0	264	44.8
50	6-1/4	302	50.0	380	39.9	257	43.0	287	48.4
52	6-1/2	328	54.2	410	42.7	277	46.0	310	52.0
55	6-7/8	367	59.6	459	47.0	310	51.0	345	57.6
56	7	380	61.6	476	48.6	321	52.0	360	59.4
60	7-1/2	438	70.0	546	54.8	367	60.0	400	66.0
64	8	498	79.0	622	62.8	415	67.0	455	75.0
65	8-1/8	513	82.0	642	64.9	427	69.0	466	77.0
68	8-1/2	562	89.2	704	70.9	467	76.0	510	84.3
70	8-11/16	596	94.0	745	74.9	493	80.0	540	89.0
72	9	630	99.0	786	79.2	518	84.0	566	95.0
75	9-1/4	683	106.0	855	86.0	562	92.0	617	102.0
80	10	777	121.0	970	97.2	635	103.0	700	117.0
85	10-1/2	874	136.0	1.090	109.0	718	116.0	790	130.0.
88	11	936	142.0	1.170	116.0	767	124.0	842	140.0
90	11-1/8	980	149.0	1.220	121.0	803	130.0	882	146.0
95	11-3/4	1.092	164.0	1.370	135.0	892	145.0	982	162.0
96	12	1.110	166.0	1.400	137.0	910	147.0	1.000	165.0
100	12-3/8	1.200	181.0	1.500	149.0	989	159.0	1.088	180.0
105	13	1.310	194.0	1.640	159.0	1.070	176.0	1.176	193.0
110	14	1.520	224.0	1.900	182.0	1.240	193.0	1.318	224.0
120	15	1.740	250.0	2.180	209.0	1.430	220.0	1.560	255.0
130	16	2.000	284.0	2.480	236.0	1.600	245.0	1.831	299.0

NOTE M.B.L = Minimum Breaking

Characteristics of Nylon

- One of the strongest of synthetic ropes.
- Good abrasion resistance, and excellent for shock load, high energy absorption.
- Superior recovery from stretch even in repeated use.
- When wet it shrinks and become hard which can lose up to 15% of breaking strength.
- Caution is required.

Characteristics of Polyester

- Breaking strength is very close to nylon when steady force is applied.
- It dose not absorb water, so neither harder or lose strength when wet.
- Maximum durability against abrasion and fatigue.
- Excellent ultraviolet resistance and heat resistance.
- Excellent recovery from stretch and less fatigue.

Characteristics of PD Wall Rope

- Outside are double constructed with polyester and Hi-man®, inside constructed with Hi-man®
- Good durability against abrasion and fatigue.
- It dose not absorb water, so neither harder or lose strength when wet.
- Excellent heat resistance.
- Soft, so easy to handle.