

Double Braid Rope

Characteristics

1. The braided cover and core create excellent strength and wear resistance.
2. Double Braided Rope has a low elongation as compared to conventional 8 strand construction rope, especially under low load.
3. Double Braided Rope is easy to handle and very flexible.
4. The smooth and wide contact surface utilizing consecutive strands increases the sectional coefficient of friction of the Double Braided Rope.
5. Double Braided Ropes have non-rotational construction which prevents kinking, and this product also high shock absorption capability.

Nylon Double Braid Rope

Dia		Circ	Weight			Breaking Strength	
mm	Inch	Inch	KGS/100m	LBS/100FT	LBS/100FM	Kg	kN
40	1-5/8	5	110.1	74.0	443.9	40,800	400.2
44	1-3/4	5-1/2	132.6	89.1	534.6	48,900	479.7
48	2	6	157.8	106.0	636.2	57,500	564.1
52	2-1/8	6-1/2	184.8	124.2	745.1	66,500	652.3
56	2-1/4	7	214.3	144.0	864.0	76,000	745.5
60	2-1/2	7-1/2	246.0	165.3	991.8	86,500	848.5
64	2-5/8	8	279.8	188.0	1,128.1	97,600	957.4
68	2-3/4	8-1/2	316.0	212.4	1,274.1	109,600	1,075.1
72	3	9	354.2	238.0	1,428.1	122,200	1,198.7
80	3-1/4	10	437.5	294.0	1,763.9	149,600	1,467.5
84	3-1/2	10-1/2	482.8	324.5	1,946.6	164,500	1,613.7
88	3-5/8	11	529.8	356.0	2,136.1	179,900	1,764.8
96	4	12	629.5	423.1	2,538.0	209,800	2,058.1

[Material&Propertise]

- Fiber Content : Nylon fiber
- Specific Gravity : 1.14
- Melting Point : 220°C
- Elongation at Break : 30 ~ 35%
- Water Absorption : 2 ~ 5%

[Applications]

- Ship Moorings
- Mooring Springs
- Towing Lines

Polyester Double Braid Rope

Dia		Circ	Weight			Breaking Strength	
mm	Inch	Inch	KGS/100m	LBS/100FT	LBS/100FM	Kg	kN
40	1-5/8	5	127.8	85.9	515.3	34,400	337.5
44	1-3/4	5-1/2	155.0	104.2	624.9	41,000	402.2
48	2	6	184.5	124.0	743.9	46,200	453.2
52	2-1/8	6-1/2	222.0	149.2	895.1	55,600	545.4
56	2-1/4	7	257.5	173.1	1,038.2	64,200	629.8
60	2-1/2	7-1/2	294.3	197.8	1,186.6	73,000	716.1
64	2-5/8	8	334.8	225.0	1,349.9	82,200	806.4
68	2-3/4	8-1/2	398.3	267.7	1,605.9	97,300	954.5
72	3	9	446.5	300.1	1,800.2	107,200	1,051.6
80	3-1/4	10	558.1	375.1	2,250.2	129,000	1,265.5
84	3-1/2	10-1/2	610.2	410.1	2,460.2	140,600	1,379.2
88	3-5/8	11	669.7	450.1	2,700.1	154,100	1,511.7
96	4	12	781.3	525.1	3,150.1	178,100	1,747.1

[Material&Propertise]

- Fiber Content : Polyester fiber
- Specific Gravity : 1.38
- Melting Point : 265°C
- Elongation at Break : 25 ~ 30%
- Water Absorption : 0 ~ 1%



SuperDan® Rope

Because Superdan® rope is manufactured from high tenacity polypropylene yarns, Superdan® offers easy handling, high strength and excellent abrasion resistance.

Superdan® 3-Strand Rope

Dia		Circ	Weight			Breaking Strength		Dia		Circ	Weight			Breaking Strength	
mm	Inch	Inch	KGS/100m	LBS/100FT	LBS/100FM	Kg	kN	mm	Inch	Inch	KGS/100m	LBS/100FT	LBS/100FM	Kg	kN
6	1/4	3/4	1.75	1.18	7.06	680	6.70	36	1-7/16	4-1/2	58.0	38.97	233.85	20,600	202.1
8	5/16	1	3.0	2.02	12.10	1,200	11.8	40	1-19/32	5	71.5	48.05	288.28	25,700	252.1
9	3/8	1-1/8	3.8	2.55	15.32	1,500	14.7	44	1-3/4	5-1/2	88.5	59.47	356.82	31,800	312.0
10	13/32	1-1/4	4.5	3.02	18.14	1,800	17.7	48	1-7/8	6	104.0	69.89	419.31	36,600	359.0
12	15/32	1-1/2	6.6	4.44	26.61	2,700	26.5	52	2-1/16	6-1/2	122.0	81.98	491.88	42,100	413.0
14	9/16	1-3/4	9.1	6.11	36.69	3,600	35.3	56	2-1/4	7	142.0	95.42	572.52	48,700	477.7
16	5/8	2	11.6	7.79	46.77	4,500	44.1	60	2-3/8	7-1/2	163.0	109.53	657.19	55,300	542.5
18	23/32	2-1/4	14.9	10.01	60.07	5,800	56.9	64	2-1/2	8	185.0	124.31	745.89	62,500	613.1
20	13/16	2-1/2	17.9	12.03	72.17	6,900	67.7	70	2-3/4	8-11/16	221.0	148.51	891.04	74,300	728.9
22	7/8	2-3/4	22.0	14.78	88.70	8,400	82.4	72	2-7/8	9	234.0	157.24	943.45	77,900	764.2
24	15/16	3	26.0	17.47	104.83	9,900	97.1	80	3-5/32	10	290.0	194.87	1,169.23	96,000	941.8
26	1-1/32	3-1/4	30.6	20.56	123.37	11,500	112.8	88	3-7/16	11	351.0	235.86	1,415.17	116,200	1,139.9
28	1-1/8	3-1/2	35.5	23.86	143.13	13,200	129.5	96	3-13/16	12	417.0	280.21	1,681.28	137,200	1,345.9
30	1-3/16	3-3/4	41.1	27.62	165.71	15,000	147.2	100	3-15/16	12-3/8	452.3	303.93	1,823.60	148,900	1,460.7
32	1-1/4	4	46.0	30.91	185.46	16,800	164.8								

• Manufactured and tested according to ISO and BSEN standard

• Warning : The minimum breaking strength should never be considered as the safe working load of the rope

• Lay Standard : Soft

Superdan® 8-Strand Rope

Dia		Circ	Weight			Breaking Strength		Dia		Circ	Weight			Breaking Strength	
mm	Inch	Inch	KGS/100m	LBS/100FT	LBS/100FM	Kg	kN	mm	Inch	Inch	KGS/100m	LBS/100FT	LBS/100FM	Kg	kN
24	15/16	3	28.8	19.4	116.1	10,900	106.9	68	2-11/16	8-1/2	230.0	154.6	927.3	77,600	761.2
28	1-1/8	3-1/2	39.4	26.5	158.9	14,500	142.2	70	2-3/4	8-11/16	243.5	163.6	981.8	82,200	806.4
32	1-1/4	4	51.1	34.3	206.0	18,500	181.5	72	2-7/8	9	258.0	173.4	1,040.2	85,800	841.7
36	1-7/16	4-1/2	64.1	43.1	258.4	23,000	225.6	75	3	9-1/4	279.5	187.8	1,126.9	93,100	913.3
40	1-9/16	5	79.1	53.2	318.9	28,400	278.6	80	3-5/32	10	319.0	214.4	1,286.2	105,600	1,035.9
44	1-3/4	5-1/2	97.7	65.7	393.9	33,900	332.5	85	3-3/8	10-1/2	360.5	242.2	1,453.5	118,800	1,165.4
45	1-25/32	5-5/8	102.0	68.5	411.2	35,400	347.3	88	3-7/16	11	386.0	259.4	1,556.3	127,600	1,251.7
48	1-7/8	6	114.5	76.9	461.6	39,800	390.4	90	3-9/16	11-1/8	403.5	271.1	1,626.8	133,400	1,308.6
50	2	6-1/4	124.5	83.7	502.0	42,500	416.9	95	3-3/4	11-3/4	449.5	302.1	1,812.3	146,500	1,437.1
52	2-1/16	6-1/2	134.0	90.0	540.3	46,000	451.2	96	3-13/16	12	459.0	308.4	1,850.6	149,600	1,467.5
55	2-5/32	6-7/8	150.5	101.1	606.8	50,900	499.3	100	3-15/16	12-3/8	498.0	334.6	2,007.9	162,400	1,593.1
56	2-1/4	7	156.0	104.8	629.0	52,800	518.0	104	4-1/8	13	536.0	360.2	2,161.1	175,600	1,722.6
60	2-3/8	7-1/2	179.0	120.3	721.7	60,500	593.5	112	4-7/16	14	623.0	418.6	2,511.8	203,700	1,998.2
64	2-1/2	8	203.6	136.8	820.9	68,200	669.0	120	4-3/4	15	718.0	482.5	2,894.9	233,800	2,293.5
65	2-9/16	8-1/16	210.0	141.1	846.7	70,400	690.6								

• Manufactured and tested according to ISO and BSEN standard

• Warning : The minimum breaking strength should never be considered as the safe working load of the rope