

The key to success in your business

NEW SuperTEC® Rope

Lighter! Stronger! Last longer!

DSR'S innovative technology enables us to offer a stronger and affordable rope. SuperTEC is the stronger rope among PP, PE and Polyolefin ropes. For Same breaking strength, smaller size of SuperTEC can replace regular PP rope. It shows higher abrasion resistance than general PP rope. And smaller size of SuperTEC rope leads to saving working hours and labor cost. It is easy to handle because it floats and does not absorb water.

NEW SuperTEC 3-Strand Rope

Dia.		Circ.		Weight			Breaking Strength	
mm	Inch	Inch	KGS/100M	LBS/100FT	LBS/100FM	Kg	kN	
6	1/4	3/4	1.75	1.18	7.06	850	8.3	
8	5/16	1	3.00	2.02	12.10	1,450	14.2	
9	3/8	1-1/8	3.80	2.55	15.32	1,830	18.0	
10	13/32	1-1/4	4.50	3.02	18.14	2,190	21.5	
12	15/32	1-1/2	6.60	4.44	26.61	3,200	31.4	
14	9/16	1-3/4	9.10	6.11	36.69	4,250	41.7	
16	5/8	2	11.60	7.79	46.77	5,400	53.0	
18	23/32	2-1/4	14.90	10.01	60.07	6,900	67.7	
20	13/16	2-1/2	17.90	12.03	72.17	8,200	80.4	
22	7/8	2-3/4	22.00	14.78	88.70	10,000	98.1	
24	15/16	3	26.00	17.47	104.83	11,800	115.8	
26	1-1/32	3-1/4	30.60	20.56	123.37	13,600	133.4	
28	1-1/8	3-1/2	35.50	23.86	143.13	15,600	153.0	
30	1-3/16	3-3/4	41.10	27.62	165.71	17,500	171.7	
32	1-1/4	4	46.00	30.91	185.46	19,600	192.3	
36	1-7/16	4-1/2	58.00	38.97	233.85	24,200	237.4	
40	1-19/32	5	71.50	48.05	288.28	29,600	290.4	
44	1-3/4	5-1/2	88.50	59.47	356.82	36,500	358.1	
48	1-7/8	6	104.00	69.89	419.31	42,500	416.9	
52	2-1/16	6-1/2	122.00	81.98	491.88	49,000	480.7	
56	2-1/4	7	142.00	95.42	572.52	55,400	543.5	
60	2-3/8	7-1/2	163.00	109.53	657.19	62,500	613.1	
64	2-1/2	8	185.00	124.31	745.89	71,200	698.5	
70	2-3/4	8-11/16	221.00	148.51	891.04	84,700	830.9	
72	2-7/8	9	234.00	157.24	943.45	89,600	878.9	
80	3-5/32	10	290.00	194.87	1,169.23	110,700	1,085.9	
88	3-7/16	11	351.00	235.86	1,415.17	133,300	1,307.6	
96	3-13/16	12	417.00	280.21	1,681.28	158,400	1,553.9	
100	3-15/16	12-3/8	452.30	303.93	1,823.60	171,800	1,685.3	

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

NEW SuperTEC 8-Strand Rope

Dia.		Circ.		Weight			Breaking Strength	
mm	Inch	Inch	KGS/100M	LBS/100FT	LBS/100FM	Kg	kN	
24	15/16	3	28.8	19.4	116.1	13,400	131.4	
28	1-1/8	3-1/2	39.4	26.5	158.9	17,800	174.6	
32	1-1/4	4	51.1	34.3	206.0	22,700	222.7	
36	1-7/16	4-1/2	64.1	43.1	258.4	28,300	277.6	
40	1-9/16	5	79.1	53.2	318.9	34,900	342.4	
44	1-3/4	5-1/2	97.7	65.7	393.9	41,700	409.1	
45	1-25/32	5-5/8	102.0	68.5	411.2	43,500	426.7	
48	1-7/8	6	114.5	76.9	461.6	48,900	479.7	
50	2	6-1/4	124.5	83.7	502.0	52,200	512.1	
52	2-1/16	6-1/2	134.0	90.0	540.3	56,500	554.2	
55	2-5/32	6-7/8	150.5	101.1	606.8	62,600	614.1	
56	2-1/4	7	156.0	104.8	629.0	64,900	636.6	
60	2-3/8	7-1/2	179.0	120.3	721.7	74,400	729.8	
64	2-1/2	8	203.6	136.8	820.9	83,900	823.0	
65	2-9/16	8-1/16	210.0	141.1	846.7	86,500	848.5	
68	2-11/16	8-1/2	230.0	154.6	927.3	95,400	935.8	
70	2-3/4	8-11/16	243.5	163.6	981.8	101,100	991.8	
72	2-7/8	9	258.0	173.4	1,040.2	105,500	1,034.9	
75	3	9-1/4	279.5	187.8	1,126.9	114,500	1,123.2	
80	3-5/32	10	319.0	214.4	1,286.2	129,900	1,274.3	
85	3-3/8	10-1/2	360.5	242.2	1,453.5	146,100	1,433.2	
88	3-7/16	11	386.0	259.4	1,556.3	156,900	1,539.1	
90	3-9/16	11-1/8	403.5	271.1	1,626.8	164,000	1,608.8	
95	3-3/4	11-3/4	449.5	302.1	1,812.3	180,100	1,766.7	
96	3-13/16	12	459.0	308.4	1,850.6	184,000	1,805.0	
100	3-15/16	12-3/8	498.0	334.6	2,007.9	199,700	1,959.0	
104	4-1/8	13	536.0	360.2	2,161.1	216,000	2,118.9	
112	4-7/16	14	623.0	418.6	2,511.8	250,500	2,457.3	
120	4-3/4	15	718.0	482.5	2,894.9	287,600	2,821.3	

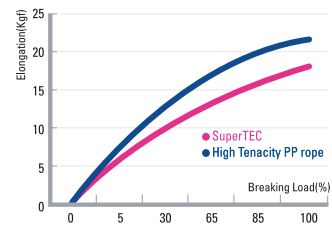
Manufactured and tested according to ISO and BSEN standard
Warning : The minimum breaking strength should never be considered as the safe working load of the rope

NEW SuperTEC 12-Strand Rope

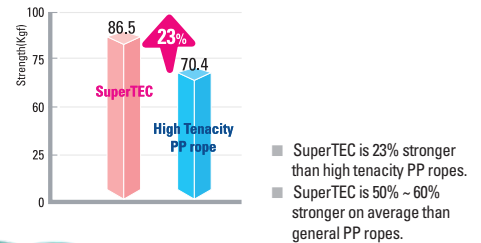
Dia.		Circ.		Weight			Breaking Strength	
mm	Inch	Inch	KGS/100M	LBS/100FT	LBS/100FM	Kg	kN	
36	1-7/16	4-1/2	64.1	43.1	258.4	29,600	290.4	
40	1-9/16	5	79.1	53.2	318.9	36,300	356.1	
44	1-3/4	5-1/2	97.7	65.7	393.9	43,500	426.7	
48	1-7/8	6	114.5	76.9	461.6	50,900	499.3	
52	2-1/16	6-1/2	134.0	90.0	540.3	58,800	576.8	
56	2-1/4	7	156.0	104.8	629.0	67,300	660.2	
60	2-3/8	7-1/2	179.0	120.3	721.7	77,000	755.3	
64	2-1/2	8	203.6	136.8	820.9	86,600	849.5	
68	2-11/16	8-1/2	230.0	154.6	927.3	98,400	965.3	
72	2-7/8	9	258.0	173.4	1,040.2	109,400	1,073.2	
80	3-5/32	10	319.0	214.4	1,286.2	134,100	1,315.5	
88	3-7/16	11	386.0	259.4	1,556.3	161,300	1,582.3	
96	3-13/16	12	459.0	308.4	1,850.6	190,300	1,866.8	
104	4-1/8	13	536.0	360.2	2,161.1	222,700	2,184.6	
112	4-7/16	14	623.0	418.6	2,511.8	257,600	2,527.0	
120	4-3/4	15	718.0	482.5	2,894.9	296,100	2,904.6	

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

Working load - Elongation(8str rope)



Elongation comparison test(8str rope-65mm)



Applications

- Cultivation
- Fishing
- Fish Trap
- Above Land
- Recreation & Sport
- Mooring, Hawser, Tow Line

