New SuperFlex®-Euro 8

Superflex®-Euro 8 has a higher tensile strength, greater flexibility and better abrasion resistance than standard composite rope. Technically reinforced with a composition of famous Superdan® yarn and high tenacity polyester yarns, enables Superflex®-Euro 8 to have a light weight per strength ratio for easy and safe handling and operation, as it can float on the surface of water. Superflex®-Euro 8's specially designed construction also provides higher residual tensile strength after repeated mooring cycles, which results in a lower total operational cost factor

New SuperFlex® - Euro 8 Rope

Dia	Circ	Weight	Breaking Strength	
mm	Inch	KGS/100m	Kg	kN
40	5	102.0	42,500	416
44	5-1/2	124.0	50,900	498
48	6	148.0	60,000	588
52	6-1/2	173.0	70,000	686
56	7	201.0	80,500	788
60	7-1/2	231.0	91,900	900
64	8	263.0	104,000	1,019
68	8-1/2	296.0	117,000	1,146
72	9	332.0	130,000	1,274
76	9-1/2	370.0	144,500	1,416
80	10	411.0	159,000	1,558
88	11	497.0	191,500	1,876
96	12	590.0	226,000	2,214
104	13	689.0	263,000	2,577
112	14	803.0	304,100	2,980
120	15	923.0	345,500	3,385

[Characteristics]

- Higher tensile strength than regular composite rope
- Lower elongation grade than regular composite rope
- Excellence in handling property
- Superior abrasion resistance

New D-Flex® Rope

New D-Flex® rope retains a superior breaking strength due to its technically reinforced composition of high tenacity polypropylene and polyester. This ideal composition and construction creates extremely low elongation, which offers stability and safety when the rope is overloaded and insures that the rope maintains its properties even after long periods under the sea.

New D-Flex® 8 S/T

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
36	1-7/16	4-1/2	67.0	45.0	270.0	27,400	268.5	70	2-3/4	8-11/16	242.0	162.6	975.6	92,000	901.6
40	1-9/16	5	82.0	54.4	326.4	32,700	320.4	72	2-7/8	9	255.0	171.3	1,027.8	97,000	950.6
44	1-3/4	5-1/2	98.0	65.8	394.8	39,200	384.1	75	3	9-1/4	277.0	186.1	1,116.6	105,400	1,032.9
45	1-25/32	5-5/8	102.0	68.5	411.0	41,100	402.7	80	3-6/32	10	314.0	210.9	1,265.4	117,900	1,154.4
48	1-7/8	6	118.0	79.2	475.2	45,200	442.9	85	3-3/8	10-1/2	354.0	237.8	1,426.8	133,200	1,305.3
50	2	6-1/4	128.0	86.0	516.0	49,400	484.1	88	3-7/16	11	378.0	254.0	1,524.0	142,800	1,399.4
52	2-1/16	6-1/2	135.0	90.7	544.2	52,700	516.4	90	3-9/16	11-1/8	395.0	265.4	1,592.4	149,000	1,460.2
55	2-5/32	6-//8	154.0	103.4	620.4	58,600	574.2	95	3-3/4	11-3/4	441.0	296.3	1,777.8	166,500	1,631.7
56	2-1/4	7	161.0	108.1	648.6	60,900	596.8	96	3-13/16	12	450.0	302.3	1,813.8	168,600	1,652.2
60	2-3/8	7-1/2	180.0	120.9	725.4	69,300	679.1	100	3-15/16	12-3/8	485.0	325.9	1,955.4	183,100	1,794.3
64	2-1/2	8	203.0	136.4	818.4	77,400	758.5	104	4-1/8	13	527.0	354.1	2,124.6	198,500	1,945.3
65	2-9/16	8-1/16	209.0	140.4	842.4	79,300	777.1	112	4-7/16	14	606.0	407.2	2,443.2	228,400	2,238.3
68	2-11/16	8-1/2	228.0	153.2	919.2	86,700	849.6	120	4-3/4	15	696.0	467.2	2,805.6	261,500	2,562.7

·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

[Propertise]

- Water Absorption : 0~1%
- Floating on water
- Elongation at Break : 18~20%

[Characteristics]

- Conforming to OCIMF guidelines
- Well UV stabilized
- Excellent abrasion resistance

[Applications]

- Mooring
- Towing
- Anchor Lines

New SuperTEC® Rope

Lighter! Stronger! Last longer!

DSR'S innovative technology enables us to offer a stronger and MORE affordable rope. SuperTEC® is stronger than PP, PE and Polyolefin ropes. For the same breaking strength, a smaller diameter of SuperTEC® can replace a standard PP rope. It also has higher abrasion resistance than general PP ropes. Using a smaller diameter SuperTEC® rope leads to a reduction in working hours and labor costs. It is easy to handle because it floats and does not absorb water.

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

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

New SuperTec® 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	13,400	131.4	68	2-11/16	8-1/2	230.0	154.6	927.3	95,400	935.8
28	1-1/8	3-1/2	39.4	26.5	158.9	17,800	174.6	70	2-3/4	8-11/16	243.5	163.6	981.8	101,100	991.8
32	1-1/4	4	51.1	34.3	206.0	22,700	222.7	72	2-7/8	9	258.0	173.4	1,040.2	105,500	1,034.9
36	1-7/16	4-1/2	64.1	43.1	258.4	28,300	277.6	75	3	9-1/4	279.5	187.8	1,126.9	114,500	1,123.2
40	1-9/16	5	79.1	53.2	318.9	34,900	342.4	80	3-5/32	10	319.0	214.4	1,286.2	129,900	1,274.3
44	1-3/4	5-1/2	97.7	65.7	393.9	41,700	409.1	85	3-3/8	10-1/2	360.5	242.2	1,453.5	146,100	1,433.2
45	1-25/32	5-5/8	102.0	68.5	411.2	43,500	426.7	88	3-7/16	11	386.0	259.4	1,556.3	156,900	1,539.1
48	1-7/8	6	114.5	76.9	461.6	48,900	479.7	90	3-9/16	11-1/8	4032.5	271.1	1,626.8	164,000	1,608.8
50	2	6-1/4	124.5	83.7	502.0	52,200	512.1	95	3-3/4	11-3/4	449.5	302.1	1,812.3	180,100	1,766.7
52	2-1/16	6-1/2	134.0	90.0	540.3	56,500	554.2	96	3-13/16	12	459.0	308.4	1,850.6	184,000	1,805.0
55	2-5/32	6-7/8	150.5	101.1	606.8	62,600	614.1	100	3-15/16	12-3/8	498.0	334.6	2,007.9	199,700	1,959.0
56	2-1/4	7	156.0	104.8	629.0	64,900	636.6	104	4-1/8	13	536.0	360.2	2,161.1	216,000	2,118.9
60	2-3/8	7-1/2	179.0	120.3	721.7	74,400	729.8	112	4-7/16	14	623.0	418.6	2,511.8	250,500	2,457.3
64	2-1/2	8	203.6	136.8	820.9	83,900	823.0	120	4-3/4	15	718.0	482.5	2,894.9	287,600	2,821.3
65	2-9/16	8-1/16	210.0	141.1	846.7	86,500	848.5								

· 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