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High Performance Rope



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LR



DNV



BV



ABS



NK



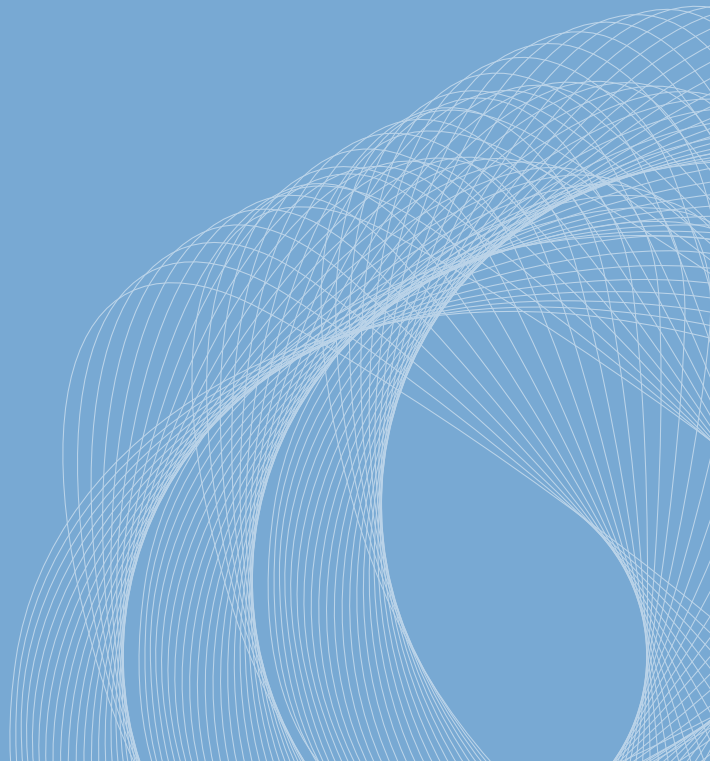
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RS



ISO 9001:2015



HIGH PERFORMANCE

Ultima-HP

High Performance
UHMWPE 12-strand braided rope

Fiber :
UHMWPE , Urethane Coated

Construction :
12-strand braided

Specific gravity : 0.97(Floating)

Elongation at break : 4~5%

Melting point : 150°C

Applications :
Mooring, Towing,
Anchor lines, Shock lines etc.

Ultima-HP

Dia.		Cir.	weight		Unspliced MBL		LDBF, Spliced MBL	
mm	Inch	Inches	kg/100m	kg/220m	Ton	KN	Ton	KN
6	1/4	3/4	2.3	5.1	4.2	41.2	3.8	37.1
8	5/16	1	3.9	8.6	6.7	65.7	6.0	59.1
9	3/8	1-1/8	5.0	11.0	8.7	85.3	7.8	76.8
11	7/16	1-3/8	7.1	15.6	13.6	133.3	12.2	120.0
12	1/2	1-1/2	9.5	20.9	16.5	161.7	14.9	145.5
16	5/8	2	16.0	35.2	27.5	269.5	24.8	242.6
18	3/4	2-1/4	20.8	45.8	35.0	343.0	31.5	308.7
22	7/8	2-3/4	30.5	67.1	50.0	490.0	45.0	441.0
24	15/16	3	35.9	78.9	58.0	568.4	52.2	511.6
26	1-1/16	3-1/4	41.0	90.2	66.0	646.8	59.4	582.1
28	1-1/8	3-1/2	47.0	103.4	74.0	725.2	66.6	652.7
30	1-1/4	3-3/4	52.0	114.4	81.5	798.7	73.4	718.8
32	1-5/16	4	57.0	125.4	88.5	867.3	79.7	780.6
36	1-1/2	4-1/2	68.0	149.6	104.0	1,019.2	93.6	917.3
40	1-9/16	5	84.0	184.8	127.0	1,244.6	114.3	1,120.1
42	1-21/32	5-1/4	93.0	204.6	140.0	1,372.0	126.0	1,234.8
44	1-3/4	5-1/2	102.0	224.4	152.0	1,489.6	136.8	1,340.6
45	1-25/32	5-5/8	107.0	235.4	159.0	1,558.2	143.1	1,402.4
48	1-7/8	6	121.0	266.2	179.0	1,754.2	161.1	1,578.8
50	2	6-1/4	132.0	290.4	194.0	1,901.2	174.6	1,711.1
52	2-1/16	6-1/2	141.0	310.2	206.0	2,018.8	185.4	1,816.9
55	2-5/32	6-7/8	158.0	347.6	231.0	2,263.8	207.9	2,037.4
56	2-1/4	7	163.0	358.6	236.0	2,312.8	212.4	2,081.5
60	2-3/8	7-1/2	175.0	385.0	252.0	2,469.6	226.8	2,222.6
64	2-1/2	8	200.0	440.0	282.0	2,763.6	253.8	2,487.2
65	2-9/16	8-1/16	207.0	455.4	291.0	2,851.8	261.9	2,566.6
68	2-11/16	8-1/2	226.0	497.2	316.0	3,096.8	284.4	2,787.1
70	2-3/4	8-11/16	239.1	526.0	335.0	3,283.0	301.5	2,954.7
72	2-7/8	9	254.0	558.8	348.0	3,410.4	313.2	3,069.4
75	3	9-1/4	276.0	607.2	378.0	3,704.4	340.2	3,334.0
80	3-5/32	10	313.0	688.6	422.0	4,135.6	379.8	3,722.0
85	3-3/8	10-1/2	354.0	778.8	477.0	4,674.6	429.3	4,207.1

- ※ UHMWPE-Ultra high Molecular Weight polyethylene
- ※ MBL is in accordance with ISO 2307
- ※ OCIMF-MEG4 type approval completed by Lloyd's Register



Ultima-HP PLUS

Dia.		Cir.	weight		Unspliced MBL		LDBF, Spliced MBL	
mm	Inch	Inches	kg/100m	kg/220m	Ton	KN	Ton	KN
20	13/16	2-1/2	26.0	57.2	31.0	304.1	27.9	273.7
22	7/8	2-3/4	31.1	68.4	38.6	378.3	34.7	340.5
24	15/16	3	37.0	81.4	46.0	450.8	41.4	405.7
26	1-1/16	3-1/4	43.5	95.7	54.0	529.2	48.6	476.3
28	1-1/8	3-1/2	51.0	112.2	63.1	618.4	56.8	556.6
30	1-1/4	3-3/4	58.6	128.9	68.7	673.3	61.8	606.0
32	1-5/16	4	65.0	143.0	74.2	727.2	66.8	654.5
36	1-1/2	4-1/2	79.0	173.8	93.0	911.4	83.7	820.3
40	1-9/16	5	95.0	209.0	114.0	1,117.2	102.6	1,005.5
42	1-21/32	5-1/4	105.0	231.0	127.5	1,249.5	114.8	1,124.6
44	1-3/4	5-1/2	111.0	244.2	135.0	1,323.0	121.5	1,190.7
45	1-25/32	5-5/8	116.0	255.2	141.2	1,383.8	127.1	1,245.4
48	1-7/8	6	137.0	301.4	165.2	1,619.0	148.7	1,457.1
50	2	6-1/4	149.0	327.8	179.3	1,757.1	161.4	1,581.4
52	2-1/16	6-1/2	161.0	354.2	195.2	1,913.0	175.7	1,721.7
55	2-5/32	6-7/8	180.0	396.0	218.4	2,140.3	196.6	1,926.3
56	2-1/4	7	183.0	402.6	230.0	2,254.0	207.0	2,028.6
60	2-3/8	7-1/2	205.0	451.0	263.0	2,577.4	236.7	2,319.7
64	2-1/2	8	236.0	519.2	308.0	3,018.4	277.2	2,716.6
65	2-9/16	8-1/16	243.0	534.6	317.7	3,113.5	285.9	2,802.2
68	2-11/16	8-1/2	266.4	586.1	344.0	3,371.2	309.6	3,034.1
70	2-3/4	8-11/16	282.0	620.4	364.5	3,572.1	328.1	3,214.9
72	2-7/8	9	295.0	649.0	380.0	3,724.0	342.0	3,351.6
75	3	9-1/4	320.0	704.0	412.3	4,040.5	371.1	3,636.5
80	3-5/32	10	359.0	789.8	458.0	4,488.4	412.2	4,039.6
85	3-3/8	10-1/2	405.0	891.0	517.0	5,066.6	465.3	4,559.9

- ※ UHMWPE-Ultra high Molecular Weight polyethylene
- ※ MBL is in accordance with ISO 2307
- ※ OCIMF-MEG4 type approval completed by Lloyd's Register



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Ultima-HP PLUS

High Performance UHMWPE core
with UV & abrasion resistant
polyester cover

Fiber :

UHMWPE and Polyester

Construction :

12-strand braided UHMWPE
core+Polyester cover

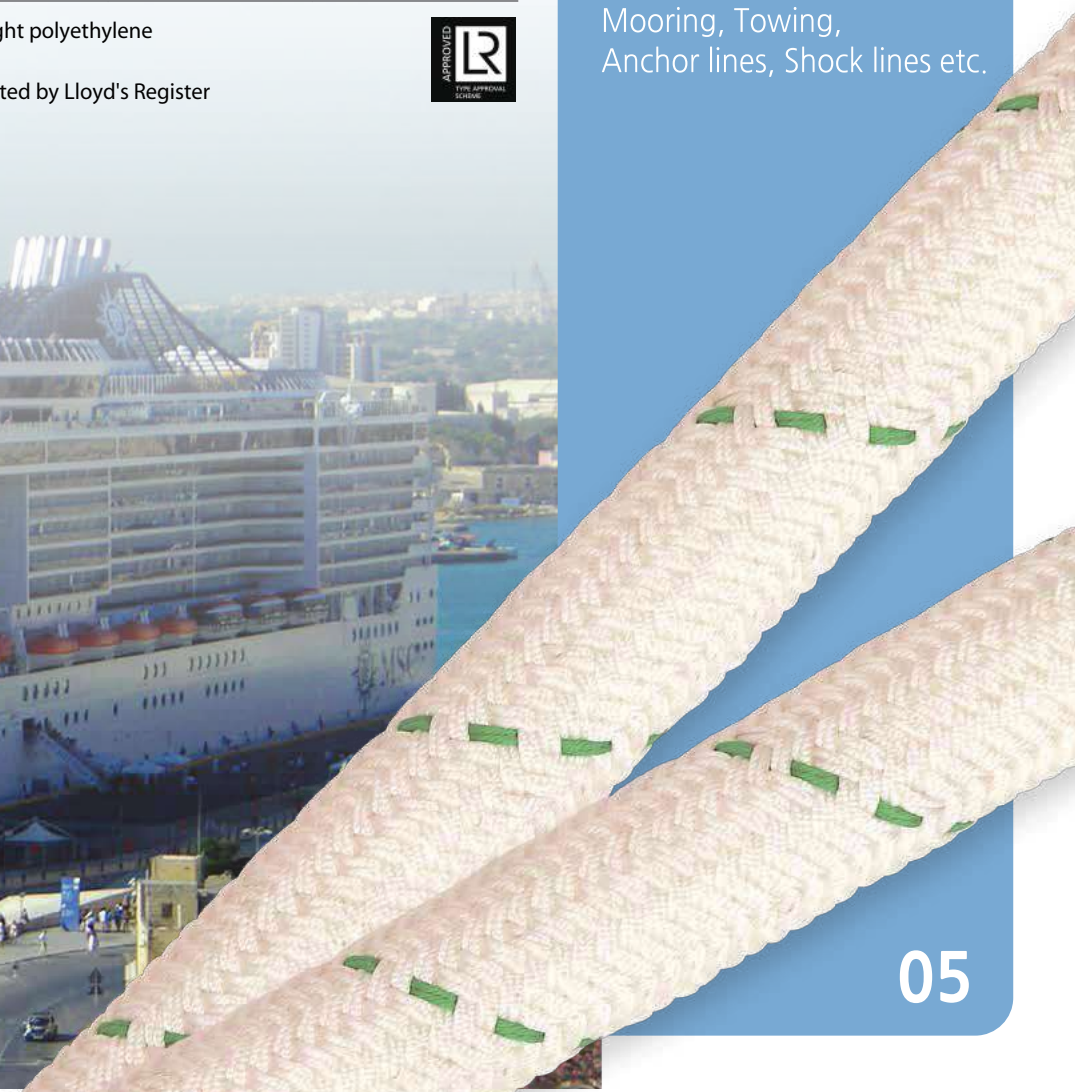
Specific gravity : 1.01~1.11

Elongation at break : 4~5%

Melting point : 150℃/ 265℃

Applications :

Mooring, Towing,
Anchor lines, Shock lines etc.



HIGH PERFORMANCE

NEOFLEX 12ST RSB

PP & Polyester 12-strand rope with element intended for Reducing Snap Back

Fiber :

Polypropylene & Polyester

Construction :

12-strand rope with element intended for Reducing Snap Back

Specific gravity : 1.0
(floats in seawater)

Elongation at break : 20~25%

Melting point : 150°C

Applications :

Mooring, Towing, Anchor lines and Shock lines etc.

NEOFLEX 12ST RSB

Dia.		Cir.	weight		Unspliced MBL		LDBF, Spliced MBL	
mm	Inch	Inches	kg/100m	kg/220m	Ton	KN	Ton	KN
40	1-9/16	5	81.0	178.2	34.7	340.1	31.2	306.1
42	1-21/32	5-1/4	89.3	196.5	38.1	373.4	34.3	336.1
44	1-3/4	5-1/2	98.0	215.6	41.2	403.8	37.1	363.4
45	1-25/32	5-5/8	102.0	224.4	43.3	424.3	39.0	381.9
48	1-7/8	6	118.0	259.6	47.5	465.5	42.8	419.0
50	2	6-1/4	128.0	281.6	51.9	508.6	46.7	457.7
52	2-1/16	6-1/2	135.0	297.0	55.3	541.9	49.8	487.7
55	2-5/32	6-7/8	154.0	338.8	61.5	602.7	55.4	542.4
56	2-1/4	7	161.0	354.2	63.9	626.2	57.5	563.6
60	2-3/8	7-1/2	180.0	396.0	72.8	713.4	65.5	642.1
64	2-1/2	8	203.0	446.6	81.3	796.7	73.2	717.0
65	2-9/16	8-1/8	209.0	459.8	83.3	816.3	75.0	734.7
68	2-11/16	8-1/2	228.0	501.6	91.0	891.8	81.9	802.6
70	2-3/4	8-3/4	242.0	532.4	96.6	946.7	86.9	852.0
72	2-7/8	9	255.0	561.0	101.9	998.6	91.7	898.7
75	3	9-3/8	277.0	609.4	110.7	1,084.9	99.6	976.4
80	3-5/32	10	314.0	690.8	123.8	1,213.2	111.4	1,091.9
85	3-3/8	10-5/8	354.0	778.8	139.9	1,371.0	125.9	1,233.9
88	3-7/16	11	378.0	831.6	150.0	1,470.0	135.0	1,323.0
90	3-9/16	11-1/4	395.0	869.0	156.5	1,533.7	140.9	1,380.3
95	3-3/4	11-3/4	441.0	970.2	174.8	1,713.0	157.3	1,541.7
96	3-13/16	12	450.0	990.0	177.0	1,734.6	159.3	1,561.1
100	3-15/16	12-1/2	485.0	1,067.0	192.3	1,884.5	173.1	1,696.1
104	4-1/8	13	510.0	1,122.0	207.7	2,035.5	186.9	1,832.0
105	4-3/16	13-1/16	534.0	1,174.8	211.6	2,073.7	190.4	1,866.3
110	4-5/16	13-3/4	586.0	1,289.2	232.2	2,275.6	209.0	2,048.0
112	4-7/16	14	608.0	1,337.6	240.7	2,358.9	216.6	2,123.0
115	4-1/2	14-7/16	641.0	1,410.2	255.3	2,501.9	229.8	2,251.7
120	4-3/4	15	696.0	1,531.2	274.6	2,691.1	247.1	2,422.0

※ MBL is in accordance with ISO 2307

※ OCIMF-MEG4 type approval completed by Lloyd's Register



SUPERTUG-8

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	101.0	222.2	63.5	622.3
44	1-3/4	5-1/2	111.0	244.2	86.1	843.8
48	1-7/8	6	147.0	323.4	108.0	1058.4
50	2	6-1/4	156.0	343.2	117.0	1146.6
52	2-1/16	6-1/2	167.0	367.4	126.0	1234.8
56	2-1/4	7	186.0	409.2	143.0	1401.4
60	2-3/8	7-1/2	222.0	488.4	180.0	1764.0
64	2-1/2	8	257.0	565.4	198.0	1940.4
68	2-11/16	8-1/2	280.0	616.0	212.0	2077.6
72	2-7/8	9	294.0	646.8	246.0	2410.8
80	3-5/32	10	378.0	831.6	285.0	2793.0

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

• Features

- Low elongation for tug/towing ship, yet excellent shock absorbing
- High abrasion resistance
- High strength enables longer service life
- Outstanding fatigue resistance
- Urethane coated for added abrasion resistance and UV protection

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SUPERTUG-8

Super Performance Tug rope.
The superior tug rope consisted of UHMWPE combined with polyester.

Fiber :

UHMWPE combined with polyester, Urethane coated

Construction :

8 strand plaited

Specific gravity : 1.09

Melting point : 150°C

Applications :

Tug/Towing, Winch line and wire rope substitution





MONOLON

Fiber : Nylon monofilament and high tenacity nylon multifilament

Construction : 6 strand cross lay with core

Specific gravity : 1.14

Elongation at break : 22%

Melting point : 218°C

Applications : Mooring, Winch line, Anchor line, and other heavy duty applications



● Features

- Economical price
- High abrasion resistance
- High deformation resistance
- Outstanding fatigue resistance
- Superior performance in mooring and on winch

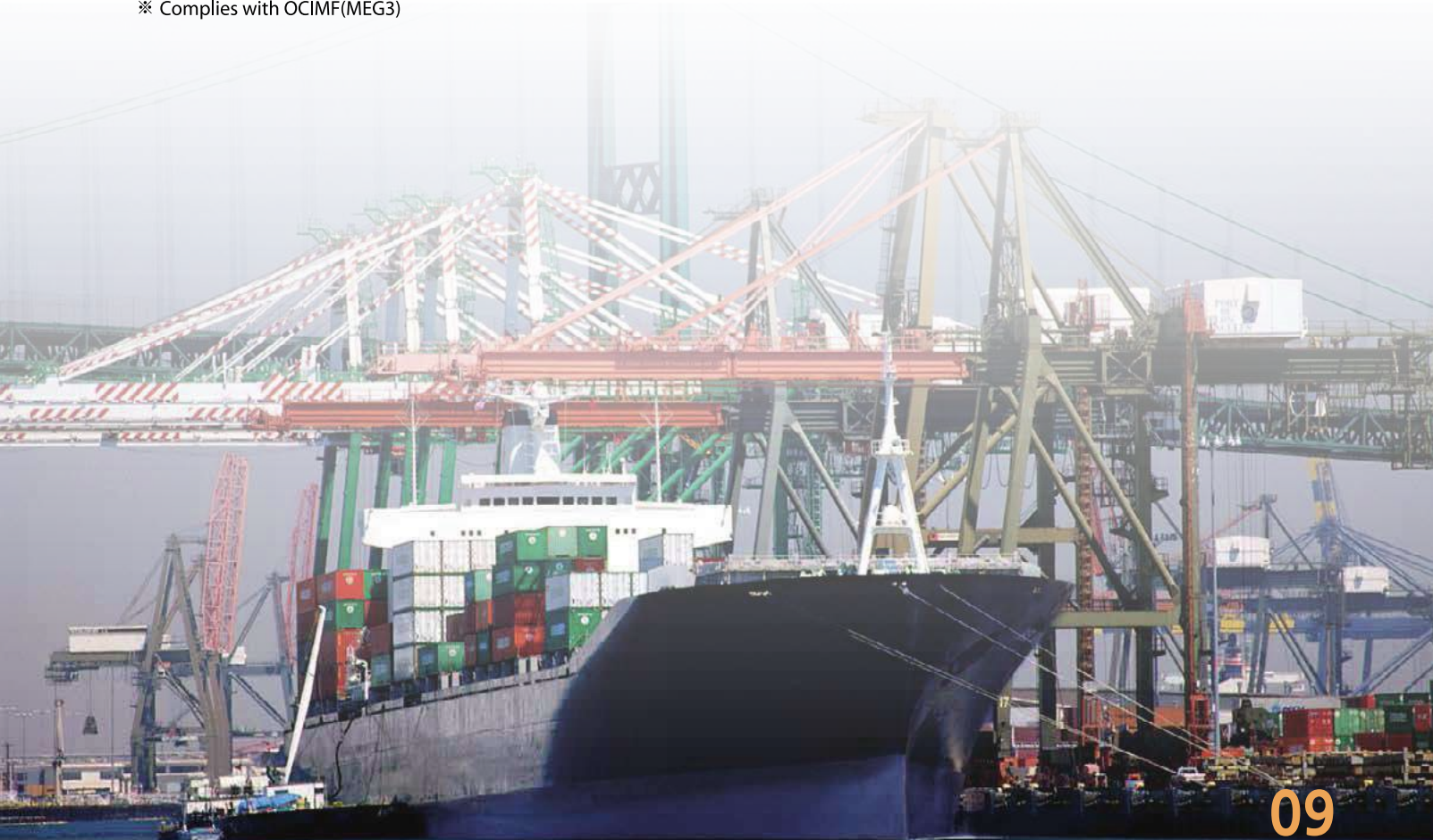
MONOLON

Dia.		Cir.	weight		Breaking Strength	
mm	Inch		kg/200m	kg/220m	Ton	KN
40	1-9/16	5	200.0	220.0	31.0	304.0
44	1-3/4	5-1/2	250.0	275.0	42.0	412.0
48	1-7/8	6	296.0	325.6	50.1	491.0
52	2-1/16	6-1/2	320.0	352.0	54.1	530.0
56	2-1/4	7	400.0	440.0	66.5	652.0
60	2-3/8	7-1/2	434.0	477.4	70.1	687.0
62	2-7/16	7-3/4	470.0	517.0	79.1	775.0
64	2-1/2	8	490.0	539.0	81.1	795.0
68	2-11/16	8-1/2	560.0	616.0	94.1	922.0
70	2-3/4	8-3/4	620.0	682.0	103.1	1010.0
72	2-7/8	9	670.0	737.0	108.1	1059.0
78	3-5/32	9-3/4	728.0	800.8	120.1	1177.0
84	3-5/16	10-1/2	850.0	935.0	140.1	1373.0
90	3-9/16	11-1/4	1010.0	1111.0	165.2	1619.0
96	3-13/16	12	1170.0	1287.0	192.2	1884.0

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)



FLOAT-WINCHLINE

Fiber :

Nylon monofilament and
UV stabilized high tenacity
polypropylene multifilament

Construction :

6 strand cross lay with core

Specific gravity : 0.99(Floating)

Elongation : approx. 23%

Melting point : 218°C/165°C

Applications :

Mooring, Winch line,
Anchor line, and other heavy
duty applications

FLOAT-WINCHLINE

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	99.0	217.8	31.4	307.7
44	1-3/4	5-1/2	115.0	253.0	39.9	391.0
48	1-7/8	6	137.0	301.4	47.5	465.5
52	2-1/16	6-1/2	161.0	354.2	51.3	502.7
56	2-1/4	7	187.0	411.4	63.7	624.3
60	2-3/8	7-1/2	214.0	470.8	68.4	670.3
64	2-1/2	8	244.0	536.8	77.9	763.4
68	2-11/16	8-1/2	276.0	607.2	89.3	875.1
72	2-7/8	9	309.0	679.8	102.6	1005.5
80	3-5/32	10	381.0	838.2	119.7	1173.1

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

• Features

- Floats due to low specific gravity
- High abrasion resistance
- Outstanding performance in mooring and on winch drum
- High stability to deformation
- Outstanding fatigue resistance
- High cost-effectiveness



EVO-WINCHLINE

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	90.0	198.0	31.4	308.0
42	1-21/32	5-1/4	98.0	215.6	34.7	340.0
46	1-13/16	5-3/4	115.0	253.0	43.4	425.0
48	1-7/8	6	125.0	275.0	48.2	472.0
50	2	6-1/4	133.0	292.6	52.2	512.0
54	2-1/16	6-3/4	150.0	330.0	61.0	598.0
56	2-5/32	7	160.0	352.0	65.3	640.0
58	2-1/4	7-1/4	167.0	367.4	69.6	682.0
60	2-3/8	7-1/2	184.0	404.8	74.5	730.0
62	2-7/16	7-3/4	190.0	418.0	79.6	780.0
64	2-1/2	8	203.0	446.6	86.7	850.0
68	2-11/16	8-1/2	221.0	486.2	95.3	934.0
70	2-3/4	8-11/16	240.0	528.0	101.0	990.0
74	2-15/16	9-1/4	256.0	563.2	112.2	1100.0
80	3-5/32	10	330.0	726.0	129.6	1270.0
82	3-1/4	10-1/4	356.0	783.2	137.8	1350.0
84	3-3/8	10-1/2	376.0	827.2	144.9	1420.0

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

• Features

- Low specific gravity
- High abrasion resistance
- Low elongation
- Outstanding fatigue resistance
- Good UV resistance
- Doesn't lose strength when wet



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EVO-WINCHLINE

This is specially developed floating winchline, with unique construction which combines long points of 6-strand and double braided. It provides outstanding performance on winch drum. Extraordinary low elongation increases safety by minimizing risks due to snapback action.

Fiber :

UV stabilized high tenacity polyolefin hybrid yarn

Construction :

6 strand twisted core
+ outer cover layer

Specific gravity : 0.93(Floating)

Elongation : approx. 15%

Melting point : 165°C

Color :

Yellow with Green marker

Applications :

Mooring, Winch line,
Anchor line, and other heavy
duty applications

NYLON

Nylon 8-strand / 12-strand rope

Fiber : Nylon

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 1.14

Elongation at break : 30%

Melting point : 220°C

Applications : Mooring, Winch line, Anchor line, and other heavy duty applications



8-strand

Dia.		Cir.	weight		Breaking Strength		Spliced MBL	LDBF
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN	Ton	Ton
40	1-9/16	5	95.5	210.1	42.0	411.6	37.8	32.1
42	1-21/32	5-1/4	106.0	233.2	46.1	451.8	41.5	35.3
44	1-3/4	5-1/2	117.0	257.4	50.4	493.9	45.4	38.6
45	1-25/32	5-5/8	122.5	269.5	52.7	516.5	47.4	40.3
48	1-7/8	6	138.5	304.7	58.2	570.4	52.4	44.5
50	2	6-1/4	150.5	331.1	63.1	618.4	56.8	48.3
52	2-1/16	6-1/2	164.0	360.8	67.8	664.4	61.0	51.9
55	2-5/32	6-7/8	183.5	403.7	75.8	742.8	68.3	58.1
56	2-1/4	7	190.0	418.0	76.8	752.6	69.1	58.7
60	2-3/8	7-1/2	219.0	481.8	86.4	846.7	77.8	66.1
64	2-1/2	8	249.0	547.8	99.0	970.2	89.1	75.7
65	2-9/16	8-1/8	256.5	564.3	102.0	999.6	91.8	78.0
68	2-11/16	8-1/2	280.5	617.1	111.6	1,093.7	100.4	85.3
70	2-3/4	8-3/4	298.0	655.6	118.2	1,158.4	106.4	90.4
72	2-7/8	9	315.5	694.1	122.4	1,199.5	110.2	93.7
75	3	9-3/8	341.5	751.3	132.7	1,300.5	119.4	101.5
80	3-5/32	10	388.5	854.7	150.0	1,470.0	135.0	114.8
85	3-3/8	10-5/8	437.5	962.5	169.2	1,658.2	152.3	129.5
88	3-7/16	11	468.5	1,030.7	177.6	1,740.5	159.8	135.8
90	3-9/16	11-1/4	490.0	1,078.0	185.8	1,820.8	167.2	142.1
95	3-3/4	11-3/4	546.0	1,201.2	206.9	2,027.6	186.2	158.3
96	3-13/16	12	551.5	1,213.3	207.6	2,034.5	186.8	158.8
100	3-15/16	12-1/2	598.5	1,316.7	225.2	2,207.0	202.7	172.3
104	4-1/8	13	649.0	1,427.8	246.0	2,410.8	221.4	188.2
105	4-3/16	13-1/16	661.5	1,455.3	250.7	2,456.9	225.6	191.8
110	4-5/16	13-3/4	726.0	1,597.2	264.5	2,592.1	238.0	202.3
112	4-7/16	14	752.5	1,655.5	270.0	2,646.0	243.0	206.6
115	4-1/2	14-7/16	793.5	1,745.7	284.6	2,789.1	256.2	217.8
120	4-3/4	15	864.0	1,900.8	309.8	3,036.0	278.9	237.1

* Spliced Strength : -10%

* MBL is in accordance with ISO 2307

* Complies with OCIMF(MEG3)



12-strand

Dia.		Cir.	weight		Breaking Strength		Spliced MBL	LDBF
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN	Ton	Ton
40	1-9/16	5	95.5	210.1	42.0	411.6	37.8	32.1
42	1-21/32	5-1/4	106.0	233.2	46.1	451.8	41.5	35.3
44	1-3/4	5-1/2	117.0	257.4	50.4	493.9	45.4	38.6
45	1-25/32	5-5/8	122.5	269.5	52.7	516.5	47.4	40.3
48	1-7/8	6	138.5	304.7	58.2	570.4	52.4	44.5
50	2	6-1/4	150.5	331.1	63.1	618.4	56.8	48.3
52	2-1/16	6-1/2	164.0	360.8	67.8	664.4	61.0	51.9
55	2-5/32	6-7/8	183.5	403.7	75.8	742.8	68.3	58.1
56	2-1/4	7	190.0	418.0	76.8	752.6	69.1	58.7
60	2-3/8	7-1/2	219.0	481.8	86.4	846.7	77.8	66.1
64	2-1/2	8	249.0	547.8	99.0	970.2	89.1	75.7
65	2-9/16	8-1/8	256.5	564.3	102.0	999.6	91.8	78.0
68	2-11/16	8-1/2	280.5	617.1	111.6	1,093.7	100.4	85.3
70	2-3/4	8-3/4	298.0	655.6	118.2	1,158.4	106.4	90.4
72	2-7/8	9	315.5	694.1	122.4	1,199.5	110.2	93.7
75	3	9-3/8	341.5	751.3	132.7	1,300.5	119.4	101.5
80	3-5/32	10	388.5	854.7	150.0	1,470.0	135.0	114.8
85	3-3/8	10-5/8	437.5	962.5	169.2	1,658.2	152.3	129.5
88	3-7/16	11	468.5	1,030.7	177.6	1,740.5	159.8	135.8
90	3-9/16	11-1/4	490.0	1,078.0	185.8	1,820.8	167.2	142.1
95	3-3/4	11-3/4	546.0	1,201.2	206.9	2,027.6	186.2	158.3
96	3-13/16	12	551.5	1,213.3	207.6	2,034.5	186.8	158.8
100	3-15/16	12-1/2	598.5	1,316.7	225.2	2,207.0	202.7	172.3
104	4-1/8	13	649.0	1,427.8	246.0	2,410.8	221.4	188.2
105	4-3/16	13-1/16	661.5	1,455.3	250.7	2,456.9	225.6	191.8
110	4-5/16	13-3/4	726.0	1,597.2	264.5	2,592.1	238.0	202.3
112	4-7/16	14	752.5	1,655.5	270.0	2,646.0	243.0	206.6
115	4-1/2	14-7/16	793.5	1,745.7	284.6	2,789.1	256.2	217.8
120	4-3/4	15	864.0	1,900.8	309.8	3,036.0	278.9	237.1

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

POLYESTER

Polyester 8-strand / 12-strand rope

Fiber : Polyester

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 1.38

Elongation at break : 20~25%

Applications : Mooring, Towing, Shock lines etc.

8-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch		Inch	kg/100m	kg/220m	Ton
40	1-9/16	5	121.0	266.2	32.5	318.5
42	1-21/32	5-1/4	133.4	293.5	35.0	343.0
44	1-3/4	5-1/2	147.0	323.4	38.8	380.2
45	1-25/32	5-5/8	153.8	338.4	40.5	396.9
48	1-7/8	6	175.0	385.0	46.1	451.8
50	2	6-1/4	189.5	416.9	49.9	489.0
52	2-1/16	6-1/2	205.0	451.0	54.0	529.2
55	2-5/32	6-7/8	230.0	506.0	60.5	592.9
56	2-1/4	7	238.0	523.6	62.8	615.4
60	2-3/8	7-1/2	273.0	600.6	73.2	717.4
64	2-1/2	8	311.0	684.2	83.0	813.4
65	2-9/16	8-1/16	321.0	706.2	85.0	833.0
68	2-11/16	8-1/2	351.0	772.2	93.0	911.4
70	2-3/4	8-11/16	371.5	817.3	98.0	960.4
72	2-7/8	9	393.0	864.6	103.0	1009.4
75	3	9-1/4	426.3	937.9	111.0	1087.8
80	3-5/32	10	485.0	1067.0	127.0	1244.6
85	3-3/8	10-1/2	548.0	1205.6	143.0	1401.4
88	3-7/16	11	587.0	1291.4	152.0	1489.6
90	3-9/16	11-1/8	614.0	1350.8	158.0	1548.4
95	3-3/4	11-3/4	685.0	1507.0	176.0	1724.8
96	3-13/16	12	699.0	1537.8	181.0	1773.8
100	3-15/16	12-3/8	758.0	1667.6	196.0	1920.8
104	4-1/8	13	820.0	1804.0	209.0	2048.2
105	4-3/16	13-1/16	835.8	1838.8	213.0	2087.4
110	4-5/16	13-3/4	917.3	2018.1	233.8	2291.2
112	4-7/16	14	950.0	2090.0	243.0	2381.4
115	4-1/2	14-7/16	1001.0	2202.2	256.0	2508.8
120	4-3/4	15	1090.0	2398.0	278.0	2724.4

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)



12-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	121.0	266.2	34.2	335.2
42	1-21/32	5-1/4	133.0	292.6	37.0	362.6
44	1-3/4	5-1/2	142.0	312.4	39.8	390.0
45	1-25/32	5-5/8	150.0	330.0	41.6	407.7
48	1-7/8	6	172.0	378.4	47.6	466.5
50	2	6-1/4	186.6	410.5	51.6	505.7
52	2-1/16	6-1/2	202.0	444.4	56.0	548.8
55	2-5/32	6-7/8	226.0	497.2	62.6	613.5
56	2-1/4	7	230.0	506.0	64.5	632.1
60	2-3/8	7-1/2	271.0	596.2	76.0	744.8
64	2-1/2	8	298.0	655.6	84.0	823.2
65	2-9/16	8-1/16	307.0	675.4	86.0	842.8
68	2-11/16	8-1/2	336.0	739.2	94.5	926.1
70	2-3/4	8-11/16	362.0	796.4	101.0	989.8
72	2-7/8	9	392.0	862.4	109.0	1068.2
75	3	9-1/4	425.0	935.0	118.0	1156.4
80	3-5/32	10	487.0	1071.4	133.0	1303.4
85	3-3/8	10-1/2	540.0	1188.0	150.0	1470.0
88	3-7/16	11	577.0	1269.4	159.0	1558.2
90	3-9/16	11-1/8	603.0	1326.6	166.3	1629.7
95	3-3/4	11-3/4	675.0	1485.0	185.3	1815.9
96	3-13/16	12	697.0	1533.4	191.0	1871.8
100	3-15/16	12-3/8	756.0	1663.2	207.0	2028.6
104	4-1/8	13	820.0	1804.0	221.0	2165.8
105	4-3/16	13-1/16	835.0	1837.0	225.0	2205.0
110	4-5/16	13-3/4	916.0	2015.2	246.0	2410.8
112	4-7/16	14	950.0	2090.0	256.0	2508.8
115	4-1/2	14-7/16	1001.0	2202.2	270.0	2646.0
120	4-3/4	15	1090.0	2398.0	293.0	2871.4

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

PP-HP DAN ROPE

Polypropylene 8-strand rope

Fiber : High performance polyolefin fiber

Construction : 8-strand plaited

Specific gravity : 0.94(Floating)

Elongation at break : 16~18%

Applications : Mooring, Towing, Shock lines etc.

Features :

- Higher tensile strength than PP ropes
- Good abrasion resistance
- Outstanding fatigue resistance

8-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	64.2	141.3	26.5	260
42	1-24/32	5-1/4	70.8	155.8	29.8	292
44	1-3/4	5-1/2	79.6	175.0	31.8	312
45	1-25/32	5-5/8	83.1	182.9	33.9	332
48	1-7/8	6	93.4	205.5	36.9	361
50	2	6-1/4	101.0	222.2	41.1	403
52	2-1/16	6-1/2	109.2	240.2	43.3	425
55	2-5/32	6-7/8	121.9	268.3	49.7	487
56	2-1/4	7	127.0	279.3	51.0	500
60	2-3/8	7-1/2	145.8	320.8	58.6	575
64	2-1/2	8	165.4	363.9	65.9	646
65	2-9/16	8-1/16	170.6	375.4	67.9	666
68	2-11/16	8-1/2	186.9	411.2	74.4	729
70	2-3/4	8-11/16	198.2	436.0	78.9	774
72	2-7/8	9	209.3	460.4	83.6	819
75	3	9-1/4	227.1	499.7	90.7	889
80	3-5/32	10	259.5	571.0	103.2	1011
85	3-3/8	10-1/2	293.0	644.6	116.5	1142
88	3-7/16	11	314.0	690.9	124.9	1224
90	3-9/16	11-1/8	328.5	722.7	128.6	1260
95	3-3/4	11-3/4	365.8	804.8	143.3	1404
96	3-13/16	12	373.0	820.6	146.3	1434
100	3-15/16	12-3/8	404.9	890.8	158.8	1556
104	4-1/8	13	436.6	960.5	171.7	1683
105	4-3/16	13-1/16	446.0	981.2	175.1	1716
110	4-5/16	13-3/4	490.5	1079.1	192.1	1883
112	4-7/16	14	506.9	1115.2	199.2	1952
115	4-1/2	14-7/16	536.7	1180.7	210.0	2058
120	4-3/4	15	583.7	1284.2	225.7	2211

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

PP-HP DAN ROPE

Polypropylene 12-strand rope

Fiber : High performance polyolefin fiber

Construction : 12-strand plaited

Specific gravity : 0.94(Floating)

Elongation at break : 16~18%

Applications : Mooring, Towing, Shock lines etc.

Features :

- Higher tensile strength than PP ropes
- Good abrasion resistance
- Outstanding fatigue resistance

12-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	64.6	142.2	28.0	274
42	1-24/32	5-1/4	71.2	156.7	30.8	302
44	1-3/4	5-1/2	78.2	172.0	33.8	331
45	1-25/32	5-5/8	83.5	183.7	35.0	343
48	1-7/8	6	95.0	209.0	39.9	391
50	2	6-1/4	101.5	223.3	42.5	417
52	2-1/16	6-1/2	109.8	241.5	46.0	451
55	2-5/32	6-7/8	122.5	269.4	50.7	496
56	2-1/4	7	127.0	279.3	53.2	521
60	2-3/8	7-1/2	146.3	321.9	60.3	591
64	2-1/2	8	166.4	366.1	68.3	670
65	2-9/16	8-1/16	171.6	377.5	69.7	683
68	2-11/16	8-1/2	187.8	413.1	76.3	747
70	2-3/4	8-11/16	199.1	438.1	81.3	797
72	2-7/8	9	210.7	463.5	86.0	843
75	3	9-1/4	228.7	503.2	92.7	908
80	3-5/32	10	260.2	572.5	105.4	1033
85	3-3/8	10-1/2	294.2	647.3	118.1	1157
88	3-7/16	11	315.4	693.8	126.6	1240
90	3-9/16	11-1/8	329.9	725.7	131.6	1290
95	3-3/4	11-3/4	367.5	808.6	146.6	1437
96	3-13/16	12	375.3	825.7	149.7	1467
100	3-15/16	12-3/8	406.9	895.2	161.1	1578
104	4-1/8	13	440.1	968.2	174.2	1707
105	4-3/16	13-1/16	446.4	982.0	177.1	1735
110	4-5/16	13-3/4	489.9	1077.8	194.3	1904
112	4-7/16	14	507.9	1117.3	201.5	1974
115	4-1/2	14-7/16	536.6	1180.6	211.8	2076
120	4-3/4	15	584.3	1285.5	230.7	2260

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

PP DAN

Polypropylene 8-strand / 12-strand rope

Fiber : Polypropylene Dan Line(Grade 1)

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 0.91(Floating)

Elongation at break : 18~20%

Applications : Mooring, Towing, Shock lines etc.



8-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	70.2	154.4	25.0	245.0
42	1-21/32	5-1/4	77.4	170.3	27.6	270.5
44	1-3/4	5-1/2	85.0	187.0	30.3	296.9
45	1-25/32	5-5/8	88.9	195.6	31.4	307.7
48	1-7/8	6	101.0	222.2	35.1	344.0
50	2	6-1/4	111.0	244.2	38.1	373.4
52	2-1/16	6-1/2	120.0	264.0	40.5	396.9
55	2-5/32	6-7/8	134.0	294.8	46.0	450.8
56	2-1/4	7	138.0	303.6	47.7	467.5
60	2-3/8	7-1/2	161.5	355.3	54.3	532.1
64	2-1/2	8	183.8	404.4	61.0	597.8
65	2-9/16	8-1/16	189.6	417.1	62.9	616.4
68	2-11/16	8-1/2	207.0	455.4	68.9	675.2
70	2-3/4	8-11/16	219.0	481.8	73.1	716.4
72	2-7/8	9	231.0	508.2	77.4	758.5
75	3	9-1/4	250.7	551.5	84.0	823.2
80	3-5/32	10	285.2	627.4	94.1	922.2
85	3-3/8	10-1/2	322.0	708.4	104.2	1021.2
88	3-7/16	11	345.1	759.2	105.0	1029.0
90	3-9/16	11-1/8	361.0	794.2	111.7	1094.7
95	3-3/4	11-3/4	402.0	884.4	131.1	1284.8
96	3-13/16	12	409.0	899.8	133.9	1312.2
100	3-15/16	12-3/8	444.0	976.8	145.0	1421.0
104	4-1/8	13	483.5	1063.7	157.1	1539.6
105	4-3/16	13-1/16	492.8	1084.2	160.1	1569.0
110	4-5/16	13-3/4	542.0	1192.4	175.8	1722.8
112	4-7/16	14	562.0	1236.4	182.3	1786.5
115	4-1/2	14-7/16	593.0	1304.6	191.5	1876.7
120	4-3/4	15	645.0	1419.0	208.3	2041.3

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch		Inch	kg/100m	kg/220m	Ton
40	1-9/16	5	73.7	162.1	26.2	256.8
42	1-21/32	5-1/4	81.0	178.2	29.0	284.2
44	1-3/4	5-1/2	89.0	195.8	31.8	311.6
45	1-25/32	5-5/8	93.3	205.3	33.0	323.4
48	1-7/8	6	106.0	233.2	36.8	360.6
50	2	6-1/4	116.5	256.3	40.0	392.0
52	2-1/16	6-1/2	126.0	277.2	42.0	411.6
55	2-5/32	6-7/8	140.7	309.5	48.3	473.3
56	2-1/4	7	144.9	318.8	50.0	490.0
60	2-3/8	7-1/2	169.5	372.9	57.0	558.6
64	2-1/2	8	193.0	424.6	64.0	627.2
65	2-9/16	8-1/16	199.0	437.8	66.0	646.8
68	2-11/16	8-1/2	217.0	477.4	72.3	708.5
70	2-3/4	8-11/16	230.0	506.0	76.7	751.7
72	2-7/8	9	242.5	533.5	81.2	795.8
75	3	9-1/4	263.2	579.0	88.2	864.4
80	3-5/32	10	299.5	658.9	98.8	968.2
85	3-3/8	10-1/2	338.0	743.6	109.4	1072.1
88	3-7/16	11	362.0	796.4	110.2	1080.0
90	3-9/16	11-1/8	379.0	833.8	117.2	1148.6
95	3-3/4	11-3/4	422.0	928.4	137.6	1348.5
96	3-13/16	12	429.5	944.9	140.6	1377.9
100	3-15/16	12-3/8	466.0	1025.2	152.2	1491.6
104	4-1/8	13	507.6	1116.7	164.9	1616.0
105	4-3/16	13-1/16	517.0	1137.4	168.0	1646.4
110	4-5/16	13-3/4	569.0	1251.8	184.5	1808.1
112	4-7/16	14	590.0	1298.0	191.4	1875.7
115	4-1/2	14-7/16	622.0	1368.4	201.0	1969.8
120	4-3/4	15	677.0	1489.4	218.7	2143.3

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

TUFFDAN

Polypropylene 8-strand / 12- strand rope

Fiber : Polypropylene Danline(Grade 2)

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 0.91(Floating)

Elongation at break : 18~20%

Applications : Mooring, Towing, Shock lines etc.

8-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	79.1	174.0	30.4	297.9
42	1-21/32	5-1/4	88.0	193.6	33.2	325.4
44	1-3/4	5-1/2	97.7	214.9	36.3	355.7
45	1-25/32	5-5/8	102.0	224.4	37.5	367.5
48	1-7/8	6	114.5	251.9	42.6	417.5
50	2	6-1/4	124.0	272.8	46.0	450.8
52	2-1/16	6-1/2	134.0	294.8	49.2	482.2
55	2-5/32	6-7/8	150.0	330.0	54.6	535.1
56	2-1/4	7	156.0	343.2	56.5	553.7
60	2-3/8	7-1/2	179.0	393.8	64.7	634.1
64	2-1/2	8	203.6	447.9	73.0	715.4
65	2-9/16	8-1/16	210.0	462.0	75.2	737.0
68	2-11/16	8-1/2	230.0	506.0	83.0	813.4
70	2-3/4	8-11/16	243.0	534.6	88.0	862.4
72	2-7/8	9	258.0	567.6	91.8	899.6
75	3	9-1/4	280.0	616.0	99.6	976.1
80	3-5/32	10	319.0	701.8	113.0	1107.4
85	3-3/8	10-1/2	360.0	792.0	127.3	1247.5
88	3-7/16	11	385.0	847.0	135.9	1331.8
90	3-9/16	11-1/8	402.0	884.4	141.2	1383.8
95	3-3/4	11-3/4	447.0	983.4	157.3	1541.5
96	3-13/16	12	456.0	1003.2	160.5	1572.9
100	3-15/16	12-3/8	494.0	1086.8	173.3	1698.3
104	4-1/8	13	534.0	1174.8	187.3	1835.5
105	4-3/16	13-1/16	544.0	1196.8	190.5	1866.9
110	4-5/16	13-3/4	597.0	1313.4	208.7	2045.3
112	4-7/16	14	618.0	1359.6	216.1	2117.8
115	4-1/2	14-7/16	651.0	1432.2	227.9	2233.4
120	4-3/4	15	708.0	1557.6	247.2	2422.6

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)



12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	83.1	182.8	31.8	311.6
42	1-21/32	5-1/4	92.4	203.3	35.1	344.0
44	1-3/4	5-1/2	102.6	225.7	38.5	377.3
45	1-25/32	5-5/8	107.1	235.6	40.3	394.9
48	1-7/8	6	120.2	264.4	45.1	442.0
50	2	6-1/4	130.2	286.4	48.9	479.2
52	2-1/16	6-1/2	140.7	309.5	52.8	517.4
55	2-5/32	6-7/8	157.5	346.5	59.1	579.2
56	2-1/4	7	163.8	360.4	60.5	592.9
60	2-3/8	7-1/2	188.0	413.6	69.3	679.1
64	2-1/2	8	213.8	470.4	78.1	765.4
65	2-9/16	8-1/16	220.5	485.1	80.6	789.9
68	2-11/16	8-1/2	241.5	531.3	88.0	862.4
70	2-3/4	8-11/16	255.6	562.3	93.2	913.4
72	2-7/8	9	270.9	596.0	97.9	959.4
75	3	9-1/4	294.0	646.8	106.2	1040.8
80	3-5/32	10	335.0	737.0	121.0	1185.8
85	3-3/8	10-1/2	378.0	831.6	136.6	1338.7
88	3-7/16	11	404.3	889.5	143.0	1401.4
90	3-9/16	11-1/8	422.1	928.6	149.6	1466.1
95	3-3/4	11-3/4	469.4	1032.7	163.5	1602.3
96	3-13/16	12	478.8	1053.4	167.0	1636.6
100	3-15/16	12-3/8	518.7	1141.1	181.5	1778.7
104	4-1/8	13	560.7	1233.5	196.3	1923.7
105	4-3/16	13-1/16	571.2	1256.6	200.0	1960.0
110	4-5/16	13-3/4	626.9	1379.2	219.5	2151.1
112	4-7/16	14	648.9	1427.6	227.6	2230.5
115	4-1/2	14-7/16	683.6	1503.9	240.1	2353.0
120	4-3/4	15	743.4	1635.5	261.4	2561.7

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

PRIMEDAN

Polypropylene 8-strand / 12- strand rope

Fiber : Polypropylene Danline (Grade 3)

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 0.91 (Floating)

Elongation at break : 16~18%

Applications : Mooring, Towing, Shock lines etc.



8-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	79.5	174.9	34.5	338.1
42	1-21/32	5-1/4	88.2	194.0	38.1	373.4
44	1-3/4	5-1/2	98.0	215.6	41.7	408.7
45	1-25/32	5-5/8	102.6	225.7	43.8	429.2
48	1-7/8	6	114.9	252.8	48.2	472.4
50	2	6-1/4	124.6	274.1	52.0	509.6
52	2-1/16	6-1/2	134.2	295.2	55.9	547.8
55	2-5/32	6-7/8	150.6	331.3	62.7	614.5
56	2-1/4	7	156.9	345.2	64.8	635.0
60	2-3/8	7-1/2	179.3	394.5	75.0	735.0
64	2-1/2	8	204.0	448.8	84.1	824.2
65	2-9/16	8-1/16	211.3	464.9	86.0	842.8
68	2-11/16	8-1/2	230.9	508.0	95.8	938.8
70	2-3/4	8-11/16	244.0	536.8	101.5	994.7
72	2-7/8	9	259.0	569.8	104.0	1019.2
75	3	9-1/4	281.0	618.2	115.0	1127.0
80	3-5/32	10	319.7	703.3	130.0	1274.0
85	3-3/8	10-1/2	360.9	794.0	145.8	1428.8
88	3-7/16	11	387.0	851.4	157.3	1541.5
90	3-9/16	11-1/8	404.0	888.8	165.0	1617.0
95	3-3/4	11-3/4	448.0	985.6	181.0	1773.8
96	3-13/16	12	460.0	1012.0	185.1	1814.0
100	3-15/16	12-3/8	499.0	1097.8	200.0	1960.0
104	4-1/8	13	536.8	1181.0	215.0	2107.0
105	4-3/16	13-1/16	546.6	1202.5	221.0	2165.8
110	4-5/16	13-3/4	601.0	1322.2	240.1	2353.0
112	4-7/16	14	622.2	1368.8	249.8	2448.0
115	4-1/2	14-7/16	656.0	1443.2	260.7	2554.9
120	4-3/4	15	715.0	1573.0	290.0	2842.0

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)



12-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	79.5	174.9	36.9	361.6
42	1-21/32	5-1/4	88.2	194.0	41.0	401.8
44	1-3/4	5-1/2	98.0	215.6	43.1	422.4
45	1-25/32	5-5/8	102.6	225.7	45.1	442.0
48	1-7/8	6	114.9	252.8	50.0	490.0
50	2	6-1/4	124.6	274.1	55.7	545.9
52	2-1/16	6-1/2	134.2	295.2	58.0	568.4
55	2-5/32	6-7/8	150.6	331.3	65.0	637.0
56	2-1/4	7	156.9	345.2	66.9	655.6
60	2-3/8	7-1/2	179.3	394.5	77.3	757.5
64	2-1/2	8	204.0	448.8	86.6	848.7
65	2-9/16	8-1/16	211.3	464.9	90.0	882.0
68	2-11/16	8-1/2	230.9	508.0	99.0	970.2
70	2-3/4	8-11/16	244.0	536.8	103.0	1009.4
72	2-7/8	9	259.0	569.8	108.0	1058.4
75	3	9-1/4	281.0	618.2	117.8	1154.4
80	3-5/32	10	319.7	703.3	133.4	1307.3
85	3-3/8	10-1/2	360.9	794.0	151.0	1479.8
88	3-7/16	11	387.0	851.4	161.8	1585.6
90	3-9/16	11-1/8	404.0	888.8	167.1	1637.6
95	3-3/4	11-3/4	448.0	985.6	187.8	1840.4
96	3-13/16	12	460.0	1012.0	191.2	1873.8
100	3-15/16	12-3/8	499.0	1097.8	206.3	2021.7
104	4-1/8	13	536.8	1181.0	223.0	2185.4
105	4-3/16	13-1/16	546.6	1202.5	227.9	2233.4
110	4-5/16	13-3/4	601.0	1322.2	248.2	2432.4
112	4-7/16	14	622.2	1368.8	258.0	2528.4
115	4-1/2	14-7/16	656.0	1443.2	270.6	2651.9
120	4-3/4	15	715.0	1573.0	295.0	2891.0

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

PP MULTI

Polypropylene 8-strand / 12-strand rope

Fiber : Polypropylene Multi filament , UV Stabilized High Tenacity

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 0.91 (Floating)

Elongation at break : 20~26%

Applications : Mooring, Towing, Shock lines etc.

8-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	72.0	158.4	20.0	196.0
42	1-21/32	5-1/4	79.4	174.7	22.1	216.0
44	1-3/4	5-1/2	89.0	195.8	24.0	235.0
45	1-25/32	5-5/8	93.1	204.8	25.1	246.0
48	1-7/8	6	105.0	231.0	28.0	274.0
50	2	6-1/4	114.0	250.8	30.3	297.0
52	2-1/16	6-1/2	122.0	268.4	33.0	324.0
55	2-5/32	6-7/8	137.0	301.4	36.9	362.0
56	2-1/4	7	142.0	312.4	37.0	363.0
60	2-3/8	7-1/2	163.0	358.6	43.0	422.0
64	2-1/2	8	185.0	407.0	49.0	481.0
65	2-9/16	8-1/16	191.0	420.2	50.5	495.0
68	2-11/16	8-1/2	209.0	459.8	55.2	542.0
70	2-3/4	8-11/16	222.0	488.4	58.2	574.0
72	2-7/8	9	234.0	514.8	61.0	599.0
75	3	9-1/4	254.0	558.8	66.1	649.0
80	3-5/32	10	290.0	638.0	75.0	736.0
85	3-3/8	10-1/2	327.4	720.3	84.6	830.0
88	3-7/16	11	351.0	772.2	90.0	883.0
90	3-9/16	11-1/8	367.0	807.4	94.1	924.0
95	3-3/4	11-3/4	409.0	899.8	104.8	1029.0
96	3-13/16	12	418.0	919.6	107.0	1050.0
100	3-15/16	12-3/8	453.0	996.6	116.0	1139.0
104	4-1/8	13	490.0	1078.0	122.0	1198.0
105	4-3/16	13-1/16	500.0	1100.0	124.3	1220.0
110	4-5/16	13-3/4	549.0	1207.8	136.4	1339.0
112	4-7/16	14	570.0	1254.0	141.0	1385.0
115	4-1/2	14-7/16	600.0	1320.0	148.6	1459.0
120	4-3/4	15	653.0	1436.6	161.8	1588.0

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)



12-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	75.6	166.3	27.8	272.4
42	1-21/32	5-1/4	83.4	183.4	30.7	300.9
44	1-3/4	5-1/2	93.4	205.5	33.7	330.3
45	1-25/32	5-5/8	97.0	213.4	35.2	345.0
48	1-7/8	6	110.0	242.0	38.9	381.2
50	2	6-1/4	119.7	263.3	42.1	412.6
52	2-1/16	6-1/2	128.0	281.6	44.9	440.0
55	2-5/32	6-7/8	143.8	316.4	49.9	489.0
56	2-1/4	7	149.1	328.0	51.5	504.7
60	2-3/8	7-1/2	171.0	376.2	58.8	576.2
64	2-1/2	8	194.2	427.2	66.6	652.7
65	2-9/16	8-1/16	200.5	441.1	68.8	674.2
68	2-11/16	8-1/2	219.5	482.9	75.3	737.9
70	2-3/4	8-11/16	233.0	512.6	79.4	778.1
72	2-7/8	9	245.7	540.5	83.6	819.3
75	3	9-1/4	266.7	586.7	90.8	889.8
80	3-5/32	10	304.5	669.9	102.8	1007.4
85	3-3/8	10-1/2	343.7	756.1	115.7	1133.9
88	3-7/16	11	368.5	810.7	120.9	1184.8
90	3-9/16	11-1/8	385.3	847.7	128.5	1259.3
95	3-3/4	11-3/4	429.4	944.7	142.4	1395.5
96	3-13/16	12	438.9	965.6	146.1	1431.8
100	3-15/16	12-3/8	478.6	1052.9	156.2	1530.8
104	4-1/8	13	514.5	1131.9	168.0	1646.4
105	4-3/16	13-1/16	525.0	1155.0	171.0	1675.8
110	4-5/16	13-3/4	576.5	1268.3	186.9	1831.6
112	4-7/16	14	598.5	1316.7	193.2	1893.4
115	4-1/2	14-7/16	630.0	1386.0	203.7	1996.3
120	4-3/4	15	685.6	1508.3	221.5	2170.7

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

TUFFLEX

PP & Polyester 8-strand / 12-strand rope

Fiber : Polypropylene combined with polyester

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 0.99(Floating)

Elongation at break : 18~20%

Applications : Mooring, Towing, Anchor lines, Shock lines, Slings etc.

8-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	92.0	202.4	32.0	313.6
42	1-21/32	5-1/4	101.0	222.2	35.0	343.0
44	1-3/4	5-1/2	109.0	239.8	38.0	372.4
45	1-25/32	5-5/8	114.0	250.8	39.0	382.2
48	1-7/8	6	132.0	290.4	44.0	431.2
50	2	6-1/4	143.0	314.6	47.0	460.6
52	2-1/16	6-1/2	150.0	330.0	51.0	499.8
55	2-5/32	6-7/8	167.0	367.4	57.0	558.6
56	2-1/4	7	179.0	393.8	59.0	578.2
60	2-3/8	7-1/2	201.0	442.2	67.0	656.6
64	2-1/2	8	226.0	497.2	75.0	735.0
65	2-9/16	8-1/16	233.0	512.6	77.0	754.6
68	2-11/16	8-1/2	254.0	558.8	84.0	823.2
70	2-3/4	8-11/16	269.0	591.8	89.0	872.2
72	2-7/8	9	284.0	624.8	94.0	921.2
75	3	9-1/4	308.0	677.6	102.0	999.6
80	3-5/32	10	349.0	767.8	114.0	1117.2
85	3-3/8	10-1/2	394.0	866.8	128.0	1254.4
88	3-7/16	11	422.0	928.4	137.0	1342.6
90	3-9/16	11-1/8	441.0	970.2	143.0	1401.4
95	3-3/4	11-3/4	491.0	1080.2	159.0	1558.2
96	3-13/16	12	501.0	1102.2	162.0	1587.6
100	3-15/16	12-3/8	543.0	1194.6	175.0	1715.0
104	4-1/8	13	587.0	1291.4	189.0	1852.2
105	4-3/16	13-1/16	598.0	1315.6	192.0	1881.6
110	4-5/16	13-3/4	656.0	1443.2	210.0	2058.0
112	4-7/16	14	680.0	1496.0	217.0	2126.6
115	4-1/2	14-7/16	716.0	1575.2	228.0	2234.4
120	4-3/4	15	779.0	1713.8	248.0	2430.4

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	91.5	201.3	33.6	329.3
42	1-21/32	5-1/4	101.0	222.2	37.0	362.6
44	1-3/4	5-1/2	109.0	239.8	40.0	392.0
45	1-25/32	5-5/8	114.0	250.8	41.0	401.8
48	1-7/8	6	132.0	290.4	46.2	452.8
50	2	6-1/4	141.0	310.2	50.0	490.0
52	2-1/16	6-1/2	150.0	330.0	53.6	525.3
55	2-5/32	6-7/8	168.0	369.6	60.0	588.0
56	2-1/4	7	174.0	382.8	62.0	607.6
60	2-3/8	7-1/2	201.0	442.2	70.5	690.9
64	2-1/2	8	226.0	497.2	79.0	774.2
65	2-9/16	8-1/16	233.0	512.6	81.0	793.8
68	2-11/16	8-1/2	254.0	558.8	88.5	867.3
70	2-3/4	8-11/16	269.0	591.8	93.8	919.2
72	2-7/8	9	284.0	624.8	99.0	970.2
75	3	9-1/4	308.0	677.6	107.0	1048.6
80	3-5/32	10	349.0	767.8	120.0	1176.0
85	3-3/8	10-1/2	394.0	866.8	135.0	1323.0
88	3-7/16	11	420.0	924.0	145.0	1421.0
90	3-9/16	11-1/8	439.0	965.8	151.0	1479.8
95	3-3/4	11-3/4	489.0	1075.8	168.0	1646.4
96	3-13/16	12	500.0	1100.0	172.0	1685.6
100	3-15/16	12-3/8	542.0	1192.4	186.6	1828.7
104	4-1/8	13	586.0	1289.2	202.0	1979.6
105	4-3/16	13-1/16	597.0	1313.4	205.0	2009.0
110	4-5/16	13-3/4	655.0	1441.0	225.0	2205.0
112	4-7/16	14	674.0	1482.8	233.0	2283.4
115	4-1/2	14-7/16	710.0	1562.0	245.0	2401.0
120	4-3/4	15	774.0	1702.8	266.0	2606.8

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

NEOFLEX

PP & Polyester 8-strand / 12-strand rope

Fiber : Polypropylene combined with polyester

Construction : 8-strand plaited / 12-strand braided

Specific gravity : 0.99(Floating)

Elongation at break : 20~25%

Applications : Mooring, Towing, Anchor lines, Shock lines, Slings etc.

8-strand

Dia.		Cir. Inches	weight		Unspliced MBL		LDBF, Spliced MBL	
mm	Inch		kg/100m	kg/220m	Ton	KN	Ton	KN
40	1-9/16	5	81.0	178.2	33.0	323.4	29.7	291.1
42	1-21/32	5-1/4	89.3	196.5	36.3	355.7	32.7	320.1
44	1-3/4	5-1/2	98.0	215.6	39.2	384.2	35.3	345.8
45	1-25/32	5-5/8	102.0	224.4	41.2	403.8	37.1	363.4
48	1-7/8	6	118.0	259.6	45.2	443.0	40.7	398.7
50	2	6-1/4	128.0	281.6	49.4	484.1	44.5	435.7
52	2-1/16	6-1/2	135.0	297.0	52.7	516.5	47.4	464.9
55	2-5/32	6-7/8	154.0	338.8	58.6	574.3	52.7	516.9
56	2-1/4	7	161.0	354.2	60.9	596.8	54.8	537.1
60	2-3/8	7-1/2	180.0	396.0	69.3	679.1	62.4	611.2
64	2-1/2	8	203.0	446.6	77.4	758.5	69.7	682.7
65	2-9/16	8-1/8	209.0	459.8	79.3	777.1	71.4	699.4
68	2-11/16	8-1/2	228.0	501.6	86.7	849.7	78.0	764.7
70	2-3/4	8-3/4	242.0	532.4	92.0	901.6	82.8	811.4
72	2-7/8	9	255.0	561.0	97.0	950.6	87.3	855.5
75	3	9-3/8	277.0	609.4	105.4	1,032.9	94.9	929.6
80	3-5/32	10	314.0	690.8	117.9	1,155.4	106.1	1,039.9
85	3-3/8	10-5/8	354.0	778.8	133.2	1,305.4	119.9	1,174.9
88	3-7/16	11	378.0	831.6	142.8	1,399.4	128.5	1,259.5
90	3-9/16	11-1/4	395.0	869.0	149.0	1,460.2	134.1	1,314.2
95	3-3/4	11-3/4	441.0	970.2	166.5	1,631.7	149.9	1,468.5
96	3-13/16	12	450.0	990.0	168.6	1,652.3	151.7	1,487.1
100	3-15/16	12-1/2	485.0	1,067.0	183.1	1,794.4	164.8	1,615.0
104	4-1/8	13	510.0	1,122.0	197.8	1,938.4	178.0	1,744.6
105	4-3/16	13-1/16	534.0	1,174.8	201.5	1,974.7	181.4	1,777.2
110	4-5/16	13-3/4	586.0	1,289.2	221.1	2,166.8	199.0	1,950.1
112	4-7/16	14	608.0	1,337.6	229.2	2,246.2	206.3	2,021.6
115	4-1/2	14-7/16	641.0	1,410.2	243.1	2,382.4	218.8	2,144.2
120	4-3/4	15	696.0	1,531.2	261.5	2,562.7	235.4	2,306.4

※ MBL is in accordance with ISO 2307

※ OCIMF-MEG4 type approval completed by Lloyd's Register





12-strand

Dia.		Gr.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	85.1	187.2	34.7	340.1
42	1-21/32	5-1/4	93.8	206.4	38.1	373.4
44	1-3/4	5-1/2	102.9	226.4	41.2	403.8
45	1-25/32	5-5/8	107.1	235.6	43.3	424.3
48	1-7/8	6	123.9	272.6	47.5	465.5
50	2	6-1/4	134.4	295.7	51.9	508.6
52	2-1/16	6-1/2	141.8	312.0	55.3	541.9
55	2-5/32	6-7/8	161.7	355.7	61.5	602.7
56	2-1/4	7	169.1	372.0	63.9	626.2
60	2-3/8	7-1/2	189.0	415.8	72.8	713.4
64	2-1/2	8	213.2	469.0	81.3	796.7
65	2-9/16	8-1/16	219.5	482.9	83.3	816.3
68	2-11/16	8-1/2	239.4	526.7	91.0	891.8
70	2-3/4	8-11/16	254.1	559.0	96.6	946.7
72	2-7/8	9	267.8	589.2	101.9	998.6
75	3	9-1/4	290.9	640.0	110.7	1,084.9
80	3-5/32	10	329.7	725.3	123.8	1,213.2
85	3-3/8	10-1/2	371.7	817.7	139.9	1,371.0
88	3-7/16	11	396.9	873.2	150.0	1,470.0
90	3-9/16	11-1/8	414.8	912.6	156.5	1,533.7
95	3-3/4	11-3/4	463.1	1,018.8	174.8	1,713.0
96	3-13/16	12	472.5	1,039.5	177.0	1,734.6
100	3-15/16	12-3/8	509.3	1,120.5	192.3	1,884.5
104	4-1/8	13	535.5	1,178.1	207.7	2,035.5
105	4-3/16	13-1/16	560.7	1,233.5	211.6	2,073.7
110	4-5/16	13-3/4	615.3	1,353.7	232.2	2,275.6
112	4-7/16	14	638.4	1,404.5	240.7	2,358.9
115	4-1/2	14-7/16	673.1	1,480.8	255.3	2,501.9
120	4-3/4	15	730.8	1,607.8	274.6	2,691.1

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

HIGHFLEX

PP & Polyester 8-strand / 12-strand rope

Fiber : High tenacity Polyoeфин & Polyester Mixed

Construction : 8-strand plaited / 12-strand plaited

Specific gravity : 0.99

Elongation at break : 18~20%

Applications : Mooring, Towing, Shock lines etc.

Features :

- Higher tensile strength
- Good abrasion resistance
- Outstanding fatigue resistance

8-strand

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	83.5	183.7	36.7	360
42	1-24/32	5-1/4	90.2	198.4	40.1	393
44	1-3/4	5-1/2	96.0	217.8	44.0	431
45	1-25/32	5-5/8	104.0	228.8	46.0	451
48	1-7/8	6	118.0	259.6	50.5	495
50	2	6-1/4	127.5	280.5	54.5	534
52	2-1/16	6-1/2	136.0	299.2	58.8	576
55	2-5/32	6-7/8	152.5	335.5	66.0	647
56	2-1/4	7	158.0	347.6	67.7	663
60	2-3/8	7-1/2	179.0	393.8	77.5	760
64	2-1/2	8	202.5	445.5	87.0	853
65	2-9/16	8-1/16	208.5	458.7	89.7	873
68	2-11/16	8-1/2	228.0	501.6	98.1	961
70	2-3/4	8-11/16	241.5	531.3	103.6	1015
72	2-7/8	9	255.0	561.0	109.0	1068
75	3	9-1/4	276.0	607.2	118.0	1156
80	3-5/32	10	312.5	687.5	132.0	1294
85	3-3/8	10-1/2	352.5	775.5	146.0	1431
88	3-7/16	11	376.0	827.2	156.7	1536
90	3-9/16	11-1/8	393.0	864.6	163.5	1602
95	3-3/4	11-3/4	438.0	964.6	184.5	1808
96	3-13/16	12	447.0	983.4	191.0	1872
100	3-15/16	12-3/8	483.5	1063.7	202.0	1980
104	4-1/8	13	522.5	1149.5	218.0	2136
105	4-3/16	13-1/16	532.5	1171.5	222.2	2178
110	4-5/16	13-3/4	584.0	1284.8	243.3	2384
112	4-7/16	14	605.5	1332.1	252.2	2472
115	4-1/2	14-7/16	638.0	1403.6	265.0	2597
120	4-3/4	15	694.5	1527.9	288.5	2827

※ Spliced Strength : -10%

※ Manufactured and tested in accordance with ISO 2307 and OCIMF(MEG3)



12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	91.5	201.3	31.7	379
42	1-21/32	5-1/4	101.0	222.2	42.7	418
44	1-3/4	5-1/2	109.0	239.8	46.3	454
45	1-25/32	5-5/8	114.0	250.8	48.4	475
48	1-7/8	6	132.0	290.4	53.6	525
50	2	6-1/4	141.0	310.2	58.2	570
52	2-1/16	6-1/2	150.0	330.0	61.7	605
55	2-5/32	6-7/8	168.0	369.6	69.0	676
56	2-1/4	7	174.0	382.8	71.4	700
60	2-3/8	7-1/2	201.0	442.2	81.3	797
64	2-1/2	8	226.0	497.2	90.9	891
65	2-9/16	8-1/16	233.0	412.6	93.8	919
68	2-11/16	8-1/2	254.0	558.8	101.9	999
70	2-3/4	8-11/16	269.0	591.8	108.0	1058
72	2-7/8	9	284.0	624.8	113.9	1116
75	3	9-1/4	308.0	677.6	123.6	1211
80	3-5/32	10	349.0	767.8	138.2	1354
85	3-3/8	10-1/2	394.0	866.8	156.0	1529
88	3-7/16	11	420.0	924.0	166.8	1635
90	3-9/16	11-1/8	439.0	965.8	174.5	1710
95	3-3/4	11-3/4	489.0	1075.8	194.4	1905
96	3-13/16	12	500.0	1100.0	197.7	1937
100	3-15/16	12-3/8	542.0	1192.4	214.5	2102
104	4-1/8	13	586.0	1289.2	232.4	2278
105	4-3/16	13-1/16	597.0	1313.4	236.9	2322
110	4-5/16	13-3/4	655.0	1441.0	260.0	2548
112	4-7/16	14	674.0	1482.8	267.8	2624
115	4-1/2	14-7/16	710.0	1562.0	282.3	2767
120	4-3/4	15	774.0	1702.8	305.8	2997

※ Spliced Strength : -10%

※ Manufactured and tested in accordance with ISO 2307 and OCIMF(MEG3)

※ Complies with OCIMF(MEG3)

PRIMEFLEX

PP & Polyester 8-strand / 12-strand

Fiber : Polypropylene combined with polyester

Construction : 8-strand plaited / 12-strand plaited

Specific gravity : 1.14

Elongation at break : 14~15%

Applications : Mooring, Towing, Anchor lines, Shock lines, Slings etc.

PRIMEFLEX

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	102.0	224.4	41.9	410.6
42	1-21/32	5-1/4	112.5	247.5	46.2	452.8
44	1-3/4	5-1/2	124.0	272.8	50.3	492.9
45	1-25/32	5-5/8	129.7	285.3	52.6	515.5
48	1-7/8	6	148.0	325.6	59.5	583.1
50	2	6-1/4	160.6	353.3	64.6	633.1
52	2-1/16	6-1/2	173.0	380.6	69.4	680.1
55	2-5/32	6-7/8	193.5	425.7	77.6	760.5
56	2-1/4	7	201.0	442.2	80.1	785.0
60	2-3/8	7-1/2	231.0	508.2	91.4	895.7
64	2-1/2	8	263.0	578.6	103.1	1,010.4
65	2-9/16	8-1/16	271.0	596.2	106.0	1,038.8
68	2-11/16	8-1/2	296.0	651.2	116.3	1,139.7
70	2-3/4	8-11/16	313.0	688.6	123.0	1,205.4
72	2-7/8	9	332.0	730.4	129.6	1,270.1
75	3	9-1/4	360.0	792.0	140.0	1,372.0
80	3-5/32	10	411.0	904.2	158.2	1,550.4
85	3-3/8	10-1/2	464.0	1,020.8	178.0	1,744.4
88	3-7/16	11	497.0	1,093.4	190.8	1,869.8
90	3-9/16	11-1/8	520.0	1,144.0	199.0	1,950.2
95	3-3/4	11-3/4	579.0	1,273.8	221.0	2,165.8
96	3-13/16	12	590.0	1,298.0	225.5	2,209.9
100	3-15/16	12-3/8	640.0	1,408.0	244.0	2,391.2
104	4-1/8	13	689.0	1,515.8	262.2	2,569.6
105	4-3/16	13-1/16	702.3	1,545.1	267.0	2,616.6
110	4-5/16	13-3/4	770.8	1,695.8	293.0	2,871.4
112	4-7/16	14	803.0	1,766.6	303.1	2,970.4
115	4-1/2	14-7/16	846.6	1,862.5	319.0	3,126.2
120	4-3/4	15	923.0	2,030.6	345.0	3,381.0

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)



12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	107.1	235.6	44.0	431.2
42	1-21/32	5-1/4	118.1	259.8	48.5	475.3
44	1-3/4	5-1/2	130.2	286.4	52.8	517.4
45	1-25/32	5-5/8	136.2	299.6	55.2	541.0
48	1-7/8	6	155.4	341.9	62.5	612.5
50	2	6-1/4	168.6	370.9	67.8	664.4
52	2-1/16	6-1/2	181.7	399.7	72.9	714.4
55	2-5/32	6-7/8	203.2	447.0	81.5	798.7
56	2-1/4	7	211.1	464.4	84.1	824.2
60	2-3/8	7-1/2	242.6	533.7	96.0	940.8
64	2-1/2	8	276.2	607.6	108.3	1061.3
65	2-9/16	8-1/16	284.6	626.1	111.3	1090.7
68	2-11/16	8-1/2	310.8	683.8	122.1	1196.6
70	2-3/4	8-11/16	328.7	723.1	129.2	1266.2
72	2-7/8	9	348.6	766.9	136.1	1333.8
75	3	9-1/4	378.0	831.6	147.0	1440.6
80	3-5/32	10	431.6	946.5	166.1	1627.8
85	3-3/8	10-1/2	487.2	1071.8	186.9	1831.6
88	3-7/16	11	521.9	1148.2	200.3	1962.9
90	3-9/16	11-1/8	546.0	1201.2	209.0	2048.2
95	3-3/4	11-3/4	608.0	1337.6	232.1	2274.6
96	3-13/16	12	619.5	1362.9	236.8	2320.6
100	3-15/16	12-3/8	672.0	1478.4	256.2	2510.8
104	4-1/8	13	723.5	1591.7	275.3	2697.9
105	4-3/16	13-1/16	737.4	1622.3	280.4	2697.9
110	4-5/16	13-3/4	809.3	1780.5	307.7	3015.5
112	4-7/16	14	843.2	1855.0	318.3	3119.3
115	4-1/2	14-7/16	888.9	1955.6	335.0	3283.0
120	4-3/4	15	969.2	2132.2	362.3	3550.5

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

Nylon Rope for Mooring(NRM)

High tenacity Nylon multifilament

Fiber : Nylon

Construction : 12-strand braided Nylon core + Nylon cover

Specific gravity : 1.14

Elongation at break : 30%

Applications : Mooring, Towing, Anchor lines, Shock lines, Winch lines, Slings etc.

Nylon Rope for Mooring

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	103.0	226.6	46.5	455.7
42	1-21/32	5-1/4	113.0	248.6	51.0	499.8
44	1-3/4	5-1/2	121.0	266.2	54.5	534.1
45	1-25/32	5-5/8	126.0	277.2	57.0	558.6
48	1-7/8	6	143.0	314.6	64.0	627.2
50	2	6-1/4	151.0	332.2	68.0	666.4
52	2-1/16	6-1/2	164.0	360.8	73.5	720.3
55	2-5/32	6-7/8	183.0	402.6	82.0	803.6
56	2-1/4	7	190.0	418.0	85.0	833.0
60	2-3/8	7-1/2	220.0	484.0	98.0	960.4
64	2-1/2	8	250.0	550.0	109.0	1068.2
65	2-9/16	8-1/16	256.0	563.2	112.0	1097.6
68	2-11/16	8-1/2	280.0	616.0	122.0	1195.6
70	2-3/4	8-11/16	298.0	655.6	128.0	1254.4
72	2-7/8	9	315.0	693.0	135.0	1323.0
75	3	9-1/4	342.0	752.4	145.0	1421.0
80	3-5/32	10	388.5	854.7	164.0	1607.2
85	3-3/8	10-1/2	437.0	961.4	180.0	1764.0
88	3-7/16	11	468.0	1029.6	192.0	1881.6
90	3-9/16	11-1/8	490.0	1078.0	200.0	1960.0
95	3-3/4	11-3/4	540.0	1188.0	220.0	2156.0
96	3-13/16	12	551.0	1212.2	224.0	2195.2
100	3-15/16	12-3/8	600.0	1320.0	245.0	2401.0
104	4-1/8	13	649.0	1427.8	265.0	2597.0
105	4-3/16	13-1/16	661.0	1454.2	270.0	2646.0
110	4-5/16	13-3/4	725.0	1595.0	296.0	2900.8
112	4-7/16	14	751.0	1652.2	306.0	2998.8
115	4-1/2	14-7/16	791.0	1740.2	322.0	3155.6
120	4-3/4	15	861.0	1894.2	350.0	3430.0

※ Spliced Strength : -10%

※ MBL is in accordance with ISO 2307

※ Complies with OCIMF(MEG3)

NYLON Double Braid

Nylon core and cover

Fiber : Nylon

Construction : 12-strand braided Nylon core + Nylon cover

Specific gravity : 1.14

Elongation at break : 30%

Applications : Mooring, Towing, Anchor lines, Shock lines, Winch lines, Slings etc.

NYLON DB

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	104.0	228.8	40.8	399.8
42	1-21/32	5-1/4	114.7	252.3	45.0	441.0
44	1-3/4	5-1/2	125.9	277.0	48.9	479.2
45	1-25/32	5-5/8	131.0	288.2	51.1	500.8
48	1-7/8	6	149.0	327.8	57.5	563.5
50	2	6-1/4	160.0	352.0	62.4	611.5
52	2-1/16	6-1/2	173.0	380.6	66.5	651.7
55	2-5/32	6-7/8	193.0	424.6	74.4	729.1
56	2-1/4	7	200.0	440.0	76.0	744.8
60	2-3/8	7-1/2	229.0	503.8	86.2	844.8
64	2-1/2	8	260.0	572.0	97.6	956.5
65	2-9/16	8-1/16	268.0	589.6	100.7	986.9
68	2-11/16	8-1/2	293.0	644.6	109.6	1074.1
70	2-3/4	8-11/16	312.0	686.4	116.1	1137.8
72	2-7/8	9	330.0	726.0	122.2	1197.6
75	3	9-1/4	358.0	787.6	132.6	1299.5
80	3-5/32	10	412.0	906.4	149.6	1466.1
85	3-3/8	10-1/2	462.0	1016.4	168.9	1655.2
88	3-7/16	11	495.0	1089.0	179.9	1763.0
90	3-9/16	11-1/8	518.0	1139.6	188.2	1844.4
95	3-3/4	11-3/4	578.0	1271.6	203.0	1989.4
96	3-13/16	12	590.0	1298.0	209.8	2056.0
100	3-15/16	12-3/8	640.0	1408.0	227.0	2224.6
104	4-1/8	13	692.0	1522.4	245.0	2401.0
105	4-3/16	13-1/16	705.0	1551.0	249.0	2440.2
110	4-5/16	13-3/4	773.0	1700.6	273.0	2675.4
112	4-7/16	14	801.0	1762.2	283.0	2773.4
115	4-1/2	14-7/16	844.0	1856.8	298.0	2920.4
120	4-3/4	15	919.0	2021.8	324.0	3175.2

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

NYLON & POLYESTER Double braid

Nylon core + Polyester cover

Fiber : Nylon and Polyester

Construction : 12-strand braided Nylon core + Polyester cover

Specific gravity : 1.2

Elongation at break : 30%

Applications : Mooring, Towing, Anchor lines, Shock lines, Winch lines, Slings etc.

NYLON & PES DB

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
40	1-9/16	5	121.5	267.3	39.2	385.0
42	1-21/32	5-1/4	134.0	294.8	43.1	423.0
45	1-25/32	5-5/8	154.0	338.8	49.1	482.0
48	1-7/8	6	175.0	385.0	55.9	547.8
50	2	6-1/4	190.0	418.0	60.1	589.0
52	2-1/16	6-1/2	205.5	452.1	65.0	637.0
55	2-5/32	6-7/8	230.0	506.0	72.0	706.0
56	2-1/4	7	238.4	524.5	74.0	725.2
60	2-3/8	7-1/2	273.5	601.7	85.1	834.0
64	2-1/2	8	311.2	684.6	96.0	940.8
65	2-9/16	8-1/16	321.0	706.2	99.0	970.0
68	2-11/16	8-1/2	351.3	772.9	108.0	1058.4
70	2-3/4	8-11/16	372.5	819.5	114.1	1118.0
72	2-7/8	9	394.1	867.0	120.0	1176.0
75	3	9-1/4	427.5	940.5	130.1	1275.0
80	3-5/32	10	486.5	1070.3	146.2	1142.0
85	3-3/8	10-1/2	549.0	1207.8	165.1	1618.0
88	3-7/16	11	588.4	1294.5	176.0	1724.8
90	3-9/16	11-1/8	615.5	1354.1	184.1	1804.0
95	3-3/4	11-3/4	686.0	1509.2	204.1	2000.0
96	3-13/16	12	700.5	1541.1	208.0	2038.4
100	3-15/16	12-3/8	760.0	1672.0	221.1	2167.0
104	4-1/8	13	822.0	1808.4	239.0	2342.2
105	4-3/16	13-1/16	837.0	1841.4	243.0	2381.4
110	4-5/16	13-3/4	918.0	2019.6	266.0	2606.8
112	4-7/16	14	951.0	2092.2	275.0	2695.0
115	4-1/2	14-7/16	1002.0	2204.4	289.0	2832.2
120	4-3/4	15	1091.0	2400.2	314.0	3077.2

- ※ Spliced Strength : -10%
- ※ MBL is in accordance with ISO 2307
- ※ Complies with OCIMF(MEG3)

PP & POLYESTER Double braid

High Tenacity Polyolefin(Inside) + Polyester(Jacket)

Fiber : High tenacity Polyolefin(PP) + Polyester

Construction : 12-strand braided Polypropylene core + Polyester cover

Specific gravity : 1.14

Elongation at break : 30%

Applications : Mooring, Towing, Winch line etc.

PP & PES DB

Dia.		Cir. Inch	weight		Breaking Strength	
mm	Inch		kg/100m	kg/220m	Ton	KN
48	1-7/8	6	132.5	291.5	48.0	470
50	2	6-1/4	143.8	316.4	52.0	510
55	2-5/32	6-7/8	176.0	387.2	63.2	619
56	2-1/4	7	182.5	401.5	65.0	637
60	2-3/8	7-1/2	200.0	440.0	75.0	735
64	2-1/2	8	223.0	490.6	86.0	843
65	2-9/16	8-1/16	230.1	506.2	88.7	869
68	2-11/16	8-1/2	250.0	550.0	95.0	931
70	2-3/4	8-11/16	265.0	583.0	100.0	980
72	2-7/8	9	280.5	617.1	106.0	1039
75	3	9-1/4	304.4	669.7	112.0	1098
80	3-5/32	10	360.0	792.0	130.0	1274
85	3-3/8	10-1/2	408.0	897.6	147.4	1445

※ Spliced Strength : -10%

※ Manufactured and tested in accordance with ISO 2307 and OCIMF(MEG3)



Handling & Storage Guideline

- [1] Using rope while dragging on cement floors or rough ground will cause fatal damage, so care should be taken when handling.
- [2] When using a rope, contact with sharp edges will cause rapid damage to the contact area, so special care must be taken.
- [3] Synthetic fibroblasts are especially vulnerable to heat, so they melt when they are close to or in contact with the heat and should be used cautiously.
- [4] Synthetic fiber ropes are vulnerable to sunlight, so when stored indoors or outdoors, tents should be covered to block sunlight.

If left outdoors, the strength weakens, which shortens the lifespan.
- [5] When it comes to 3-strand rope, it shall be untied in the correct direction so as not to cause a kink, technically S-Twist rope in a clockwise direction, and Z-Twist in a counter-clockwise.
- [6] A rope shall not be close to chemicals. If it is stained with oil, paint, thinner, or other chemicals, please remove them from the rope as cleanly as possible.
- [7] Before using the rope, it must be used after checking whether there is an abnormality in the appearance.
- [8] When nylon ropes absorb moisture, unlike general PP ropes, they become very hard and are inconvenient to handle and use, so they must always be stored in a dry place.
- [9] Breaking strength does not mean S.W.L, so care should be taken.

DAEJUNG ROPE'S EQUIPMENT



Uitima-HP

Uitima-HP PLUS

NEOFLEX 12ST RSB

SUPERTUG-8

MONOLON

FLOAT-WINCHLINE

EVO-WINCHLINE

NYLON

POLYESTER

PP-HP DAN ROPE

PP DAN

TUFFDAN

PRIMEDAN

PP MULTI

TUFFLEX

NEOFLEX

HIGHFLEX

PRIMEFLEX

NYLON Rope For Mooring(NRM)

NYLON Double Braid

NYLON & POLYESTER Double Braid

PP & POLYESTER Double braid



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