DAEJUNG



DAEJUNG COMPANY,LTD.



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Approved by

ABS DNV LLDYD'S NK KR ISO 9001 UKAS

DAEJUNG COMPANY

Ultimatex®
ROPE GROUP





Ultimatex® ROPE GROUP

Ultima-TECH

High Performance
Technora 12-strand braided rope

Fiber :
Technora (Aramid),
Urethane Coated

Construction :
12-strand braided

Specific gravity : 1.39

Elongation at break : 4~5%

Melting point : 500℃

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

Ultima-TECH

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
6	1/4	3/4	3.2	7.0	4.2	41.2
8	5/16	1	5.4	11.9	6.8	66.6
9	3/8	1-1/8	6.9	15.2	8.8	86.2
11	7/16	1-3/8	9.9	21.8	13.8	135.2
12	1/2	1-1/2	13.2	29.0	16.8	164.6
16	5/8	2	22.2	48.8	28.0	274.4
18	3/4	2-1/4	28.9	63.6	35.7	349.9
22	7/8	2-3/4	42.4	93.3	51.0	499.8
24	15/16	3	49.8	109.6	59.1	579.2
26	1-1/16	3-1/4	57.0	125.4	63.7	624.3
28	1-1/8	3-1/2	64.6	142.1	75.5	739.9
30	1-1/4	3-3/4	72.3	159.1	83.0	813.4
32	1-5/16	4	79.2	174.2	90.0	882.0
36	1-1/2	4-1/2	94.5	207.9	106.0	1,038.8
40	1-9/16	5	116.8	257.0	129.5	1,269.1
42	1-21/32	5-1/4	129.0	283.8	142.0	1,391.6
44	1-3/4	5-1/2	142.0	312.4	155.0	1,519.0
45	1-25/32	5-5/8	149.0	327.8	162.1	1,588.6
48	1-7/8	6	168.0	369.6	182.5	1,788.5
50	2	6-1/4	182.0	400.4	198.0	1,940.4
52	2-1/16	6-1/2	196.0	431.2	210.0	2,058.0
55	2-5/32	6-7/8	219.0	481.8	234.9	2,302.0
56	2-1/4	7	226.0	497.2	240.5	2,356.9
60	2-3/8	7-1/2	245.0	539.0	257.0	2,518.6
64	2-1/2	8	278.0	611.6	287.5	2,817.5
65	2-9/16	8-1/16	287.0	631.4	297.0	2,910.6
68	2-11/16	8-1/2	315.0	693.0	323.0	3,165.4
70	2-3/4	8-11/16	333.3	733.2	342.3	3,354.5
72	2-7/8	9	355.0	781.0	355.0	3,479.0
75	3	9-1/4	385.0	847.0	385.2	3,775.0
80	3-5/32	10	438.0	963.6	430.0	4,214.0
85	3-3/8	10-1/2	495.0	1,089.0	485.0	4,753.0
88	3-7/16	11	530.5	1,167.1	513.0	5,027.4
90	3-9/16	11-1/8	555.0	1,221.0	536.0	5,252.8
95	3-3/4	11-3/4	618.0	1,359.6	597.0	5,850.6
96	3-13/16	12	631.0	1,388.2	600.0	5,880.0



Ultima-TECH PLUS

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
22	7/8	2-3/4	43.2	95.0	39.3	385.1
24	15/16	3	51.4	113.1	46.8	458.6
26	1-1/16	3-1/4	60.4	132.9	55.0	539.0
28	1-1/8	3-1/2	69.5	152.9	64.2	629.2
30	1-1/4	3-3/4	75.3	165.7	69.3	679.1
32	1-5/16	4	89.0	195.8	75.4	738.9
36	1-1/2	4-1/2	109.5	240.9	94.8	929.0
40	1-9/16	5	130.0	286.0	116.0	1,136.8
42	1-21/32	5-1/4	142.0	312.4	127.0	1,244.6
44	1-3/4	5-1/2	154.2	339.2	137.5	1,347.5
45	1-25/32	5-5/8	161.0	354.2	146.0	1,430.8
48	1-7/8	6	190.2	418.4	168.5	1,651.3
50	2	6-1/4	206.4	454.1	182.0	1,783.6
52	2-1/16	6-1/2	223.5	491.7	199.0	1,950.2
55	2-5/32	6-7/8	247.0	543.4	222.0	2,175.6
56	2-1/4	7	254.2	559.2	234.5	2,298.1
60	2-3/8	7-1/2	285.0	627.0	268.2	2,628.4
64	2-1/2	8	328.0	721.6	314.0	3,077.2
65	2-9/16	8-1/16	337.0	741.4	323.0	3,165.4
68	2-11/16	8-1/2	366.0	805.2	352.0	3,449.6
70	2-3/4	8-11/16	387.8	853.2	367.0	3,596.6
72	2-7/8	9	410.0	902.0	387.5	3,797.5
75	3	9-1/4	440.5	969.1	412.0	4,037.6
80	3-5/32	10	499.0	1,097.8	467.0	4,576.6
85	3-3/8	10-1/2	547.0	1,203.4	520.0	5,096.0
88	3-7/16	11	585.0	1,287.0	550.0	5,390.0
90	3-9/16	11-1/8	621.0	1,366.2	566.0	5,546.8
95	3-3/4	11-3/4	691.0	1,520.2	621.0	6,085.8
96	3-13/16	12	710.0	1,562.0	638.0	6,252.4



DAEJUNG COMPANY
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Ultima-TECH PLUS

High Performance Technora core with UV & abrasion resistant polyester cover

Fiber :
Technora (Aramid) and Polyester

Construction :
12-strand braided Technora core + Polyester cover

Specific gravity : 1.39

Elongation at break : 4~5%

Melting point : 500℃/265℃

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



Ultimatex®
ROPE GROUP

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%

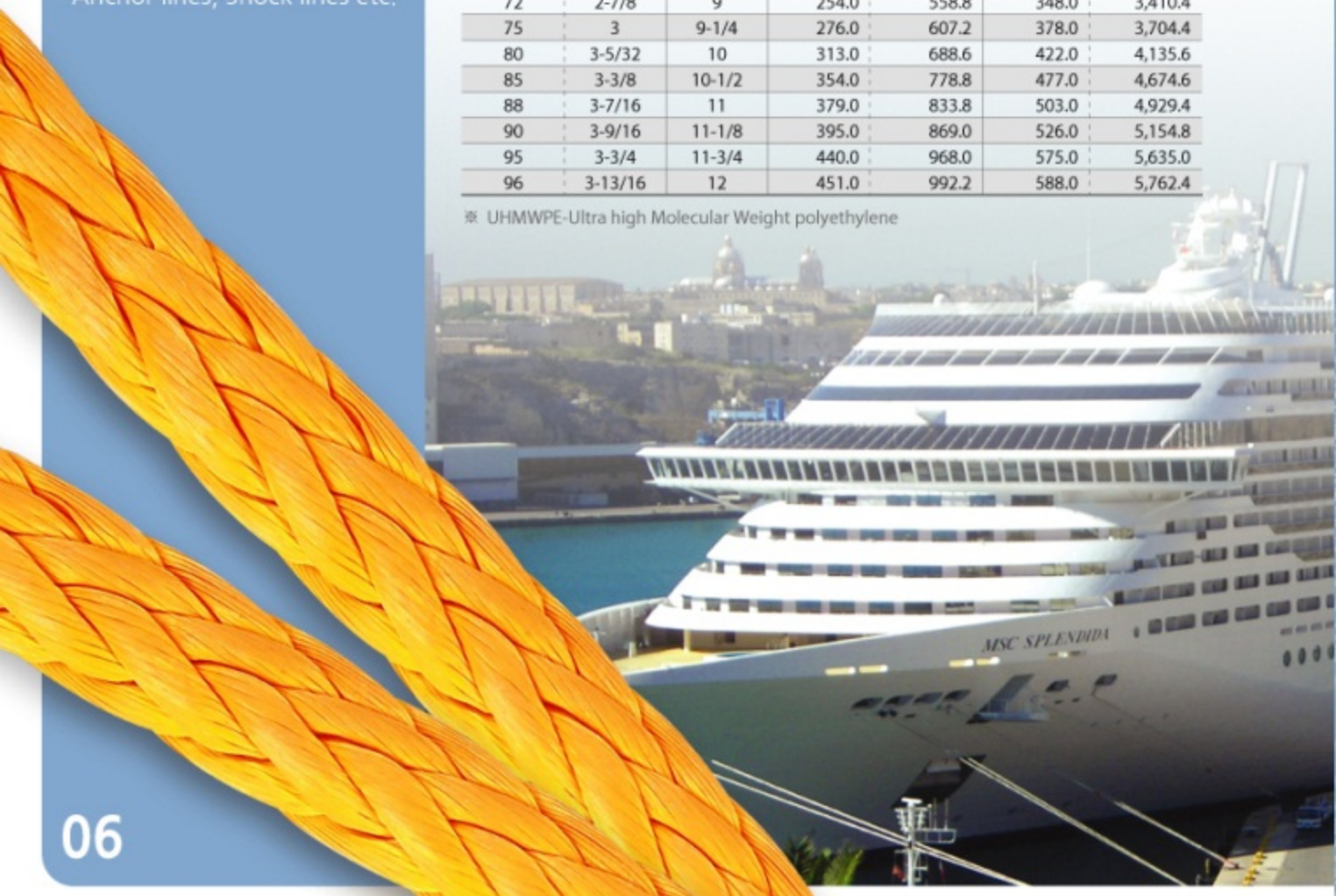
Melting point : 150℃

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

Ultima-HP

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
6	1/4	3/4	2.3	5.1	4.2	41.2
8	5/16	1	3.9	8.6	6.7	65.7
9	3/8	1-1/8	5.0	11.0	8.7	85.3
11	7/16	1-3/8	7.1	15.6	13.6	133.3
12	1/2	1-1/2	9.5	20.9	16.5	161.7
16	5/8	2	16.0	35.2	27.5	269.5
18	3/4	2-1/4	20.8	45.8	35.0	343.0
22	7/8	2-3/4	30.5	67.1	50.0	490.0
24	15/16	3	35.9	78.9	58.0	568.4
26	1-1/16	3-1/4	41.0	90.2	66.0	646.8
28	1-1/8	3-1/2	47.0	103.4	74.0	725.2
30	1-1/4	3-3/4	52.0	114.4	81.5	798.7
32	1-5/16	4	57.0	125.4	88.5	867.3
36	1-1/2	4-1/2	68.0	149.6	104.0	1,019.2
40	1-9/16	5	84.0	184.8	127.0	1,244.6
42	1-21/32	5-1/4	93.0	204.6	140.0	1,372.0
44	1-3/4	5-1/2	102.0	224.4	152.0	1,489.6
45	1-25/32	5-5/8	107.0	235.4	159.0	1,558.2
48	1-7/8	6	121.0	266.2	179.0	1,754.2
50	2	6-1/4	132.0	290.4	194.0	1,901.2
52	2-1/16	6-1/2	141.0	310.2	206.0	2,018.8
55	2-5/32	6-7/8	158.0	347.6	231.0	2,263.8
56	2-1/4	7	163.0	358.6	236.0	2,312.8
60	2-3/8	7-1/2	175.0	385.0	252.0	2,469.6
64	2-1/2	8	200.0	440.0	282.0	2,763.6
65	2-9/16	8-1/16	207.0	455.4	291.0	2,851.8
68	2-11/16	8-1/2	226.0	497.2	316.0	3,096.8
70	2-3/4	8-11/16	239.1	526.0	335.0	3,283.0
72	2-7/8	9	254.0	558.8	348.0	3,410.4
75	3	9-1/4	276.0	607.2	378.0	3,704.4
80	3-5/32	10	313.0	688.6	422.0	4,135.6
85	3-3/8	10-1/2	354.0	778.8	477.0	4,674.6
88	3-7/16	11	379.0	833.8	503.0	4,929.4
90	3-9/16	11-1/8	395.0	869.0	526.0	5,154.8
95	3-3/4	11-3/4	440.0	968.0	575.0	5,635.0
96	3-13/16	12	451.0	992.2	588.0	5,762.4

※ UHMWPE-Ultra high Molecular Weight polyethylene



Ultima-HP PLUS

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
22	7/8	2-3/4	31.1	68.4	38.6	378.3
24	15/16	3	37.0	81.4	46.0	450.8
26	1-1/16	3-1/4	43.5	95.7	54.0	529.2
28	1-1/8	3-1/2	51.0	112.2	63.1	618.4
30	1-1/4	3-3/4	58.6	128.9	68.7	673.3
32	1-5/16	4	65.0	143.0	74.2	727.2
36	1-1/2	4-1/2	79.0	173.8	93.0	911.4
40	1-9/16	5	95.0	209.0	114.0	1,117.2
42	1-21/32	5-1/4	105.0	231.0	127.5	1,249.5
44	1-3/4	5-1/2	111.0	244.2	135.0	1,323.0
45	1-25/32	5-5/8	116.0	255.2	141.2	1,383.8
48	1-7/8	6	137.0	301.4	165.2	1,619.0
50	2	6-1/4	149.0	327.8	179.3	1,757.1
52	2-1/16	6-1/2	161.0	354.2	195.2	1,913.0
55	2-5/32	6-7/8	180.0	396.0	218.4	2,140.3
56	2-1/4	7	183.0	402.6	230.0	2,254.0
60	2-3/8	7-1/2	205.0	451.0	263.0	2,577.4
64	2-1/2	8	236.0	519.2	308.0	3,018.4
65	2-9/16	8-1/16	243.0	534.6	317.7	3,113.5
68	2-11/16	8-1/2	266.4	586.1	344.0	3,371.2
70	2-3/4	8-11/16	282.0	620.4	364.5	3,572.1
72	2-7/8	9	295.0	649.0	380.0	3,724.0
75	3	9-1/4	320.0	704.0	412.3	4,040.5
80	3-5/32	10	359.0	789.8	458.0	4,488.4
85	3-3/8	10-1/2	405.0	891.0	517.0	5,066.6
88	3-7/16	11	421.0	926.2	540.0	5,292.0
90	3-9/16	11-1/8	440.0	968.0	564.8	5,535.0
95	3-3/4	11-3/4	490.0	1,078.0	618.3	6,059.3
96	3-13/16	12	511.0	1,124.2	626.0	6,134.8

※ UHMWPE-Ultra high Molecular Weight polyethylene



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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.

Ultimatex® ROPE GROUP

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℃

Applications :
Tug/Towing, Winch line and wire rope substitution

SUPERTUG-8

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

• 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



DAEJUNG COMPANY

SPECIAL
ROPE GROUP





ATLAS®



We now announce that we are a new licensee of Original ATLAS® rope and that, at the same time, we are : The Only ONE authorized ATLAS® rope manufacturer outside Europe.

Fiber : Atlas Monofil and high tenacity nylon multifilament

Construction : 6 strand cross lay with core

Specific gravity : 1.14

Elongation at break : 22%

Melting point : 218℃

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



● **Features**

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

ATLAS®

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

※ "®-Registered trade mark of LANXESS Deutschland GmbH, Germany."



SPECIAL ROPE GROUP

MONOLON

An alternative to Atlas® Rope for higher cost-efficiency.

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℃

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

MONOLON

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

• **Features**
- Economical price
- High abrasion resistance
- High deformation resistance
- Outstanding fatigue resistance



※ "®-Registered trade mark of LANXESS Deutschland GmbH, Germany."

FLOAT-WINCHLINE

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

• 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



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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℃/165℃

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

SPECIAL ROPE GROUP

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 cross lay with core + outer cover layer

Specific gravity : 0.93(Floating)

Elongation : approx. 15%

Melting point : 165℃

Color :
Yellow with Green marker

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

EVO-WINCHLINE

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

• Features

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



DAEJUNG COMPANY

Aone®
ROPE GROUP







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℃

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

8-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	99.0	217.8	34.0	333.2
42	1-21/32	5-1/4	109.0	239.8	37.5	367.5
44	1-3/4	5-1/2	120.0	264.0	40.5	396.9
45	1-25/32	5-5/8	125.0	275.0	42.5	416.5
48	1-7/8	6	142.0	312.4	47.5	465.5
50	2	6-1/4	154.0	338.8	51.5	504.7
52	2-1/16	6-1/2	166.0	365.2	55.0	539.0
55	2-5/32	6-7/8	186.0	409.2	61.5	602.7
56	2-1/4	7	193.0	424.6	62.5	612.5
60	2-3/8	7-1/2	221.0	486.2	70.5	690.9
64	2-1/2	8	252.0	554.4	80.0	784.0
65	2-9/16	8-1/16	260.0	572.0	82.5	808.5
68	2-11/16	8-1/2	285.0	627.0	90.0	882.0
70	2-3/4	8-11/16	302.0	664.4	95.5	935.9
72	2-7/8	9	319.0	701.8	100.0	980.0
75	3	9-1/4	346.0	761.2	108.0	1058.4
80	3-5/32	10	393.0	864.6	123.0	1205.4
85	3-3/8	10-1/2	443.0	974.6	138.0	1352.4
88	3-7/16	11	474.0	1042.8	147.0	1440.6
90	3-9/16	11-1/8	495.0	1089.0	153.8	1507.2
95	3-3/4	11-3/4	551.0	1212.2	171.0	1675.8
96	3-13/16	12	562.0	1236.4	174.6	1711.1
100	3-15/16	12-3/8	609.0	1339.8	189.1	1853.2
104	4-1/8	13	658.0	1447.6	204.5	2004.1
105	4-3/16	13-1/16	670.0	1474.0	208.5	2043.3
110	4-5/16	13-3/4	735.0	1617.0	228.1	2235.4
112	4-7/16	14	762.0	1676.4	236.5	2317.7
115	4-1/2	14-7/16	803.0	1766.6	249.0	2440.2
120	4-3/4	15	874.0	1922.8	270.0	2646.0





12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
36	1-7/16	4-1/2	83.0	182.6	29.8	292.0
40	1-9/16	5	100.0	220.0	35.0	343.0
42	1-21/32	5-1/4	110.0	242.0	38.6	378.3
44	1-3/4	5-1/2	121.0	266.2	42.3	414.5
45	1-25/32	5-5/8	127.0	279.4	44.2	433.2
48	1-7/8	6	143.0	314.6	49.5	485.1
50	2	6-1/4	155.0	341.0	53.7	526.3
52	2-1/16	6-1/2	168.0	369.6	58.7	575.3
55	2-5/32	6-7/8	188.0	413.6	65.7	643.9
56	2-1/4	7	201.0	442.2	69.6	682.1
60	2-3/8	7-1/2	226.0	497.2	77.9	763.4
64	2-1/2	8	252.0	554.4	86.6	848.7
65	2-9/16	8-1/16	260.0	572.0	89.3	875.1
68	2-11/16	8-1/2	286.0	629.2	98.0	960.4
70	2-3/4	8-11/16	303.0	666.6	103.8	1017.2
72	2-7/8	9	330.0	726.0	112.0	1097.6
75	3	9-1/4	358.0	787.6	121.5	1190.7
80	3-5/32	10	403.0	886.6	133.0	1303.4
85	3-3/8	10-1/2	454.0	998.8	150.0	1470.0
88	3-7/16	11	478.0	1051.6	157.0	1538.6
90	3-9/16	11-1/8	500.0	1100.0	164.0	1607.2
95	3-3/4	11-3/4	557.0	1225.4	182.0	1783.6
96	3-13/16	12	569.0	1251.8	187.0	1832.6
100	3-15/16	12-3/8	617.0	1357.4	202.0	1979.6
104	4-1/8	13	666.0	1465.2	218.0	2136.4
105	4-3/16	13-1/16	679.0	1493.8	222.0	2175.6
110	4-5/16	13-3/4	745.0	1639.0	243.0	2381.4
112	4-7/16	14	772.0	1698.4	251.0	2459.8
115	4-1/2	14-7/16	813.0	1788.6	264.0	2587.2
120	4-3/4	15	887.0	1951.4	280.0	2744.0

POLYESTER

Polyester 8-strand / 12-strand rope

Fiber : Polyester

Construction : 8-strand plaited / 12-strand braided

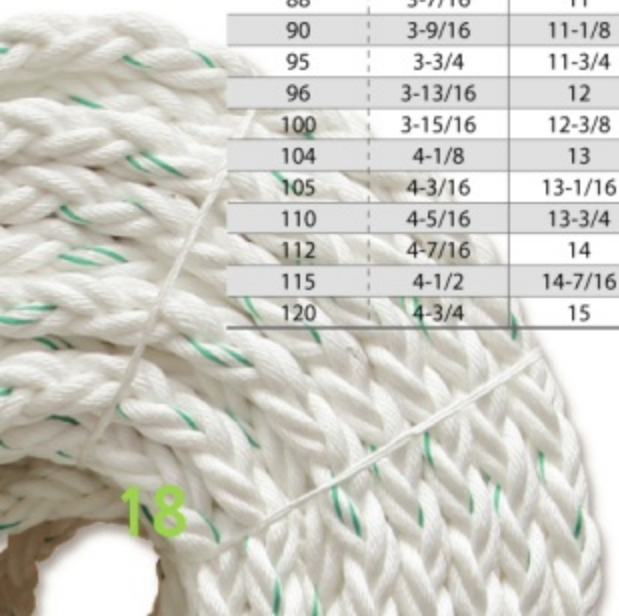
Specific gravity : 1.38

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	KN
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





12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

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.	weight		Breaking Strength	
mm	Inch	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

12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
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

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.	weight		Breaking Strength	
mm	Inch	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



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	1960.8
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

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.	weight		Breaking Strength	
mm	Inch	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



12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

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.	weight		Breaking Strength	
mm	Inch	Inch	kg/100m	kg/220m	Ton	KN
40	1-9/16	5	72.0	158.4	26.5	259.9
42	1-21/32	5-1/4	79.4	174.7	29.3	286.9
44	1-3/4	5-1/2	89.0	195.8	32.1	314.6
45	1-25/32	5-5/8	93.1	204.8	33.6	329.3
48	1-7/8	6	105.0	231.0	37.1	363.4
50	2	6-1/4	114.0	250.8	40.1	392.9
52	2-1/16	6-1/2	122.0	268.4	42.8	419.8
55	2-5/32	6-7/8	137.0	301.4	47.5	465.7
56	2-1/4	7	142.0	312.4	49.1	481.0
60	2-3/8	7-1/2	163.0	358.6	56.0	549.2
64	2-1/2	8	185.0	407.0	63.5	622.1
65	2-9/16	8-1/16	191.0	420.2	65.5	642.1
68	2-11/16	8-1/2	209.0	459.8	71.7	702.7
70	2-3/4	8-11/16	222.0	488.4	75.6	740.9
72	2-7/8	9	234.0	514.8	79.7	780.9
75	3	9-1/4	254.0	558.8	86.5	847.9
80	3-5/32	10	290.0	638.0	97.9	959.6
85	3-3/8	10-1/2	327.4	720.3	110.3	1080.7
88	3-7/16	11	351.0	772.2	115.2	1129.0
90	3-9/16	11-1/8	367.0	807.4	122.4	1199.5
95	3-3/4	11-3/4	409.0	899.8	135.6	1328.9
96	3-13/16	12	418.0	919.6	139.2	1364.2
100	3-15/16	12-3/8	453.0	996.6	148.8	1458.2
104	4-1/8	13	490.0	1078.0	160.0	1568.0
105	4-3/16	13-1/16	500.0	1100.0	163.0	1597.4
110	4-5/16	13-3/4	549.0	1207.8	178.0	1744.4
112	4-7/16	14	570.0	1254.0	184.0	1803.2
115	4-1/2	14-7/16	600.0	1320.0	194.0	1901.2
120	4-3/4	15	653.0	1436.6	211.0	2067.8





12-strand

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

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%

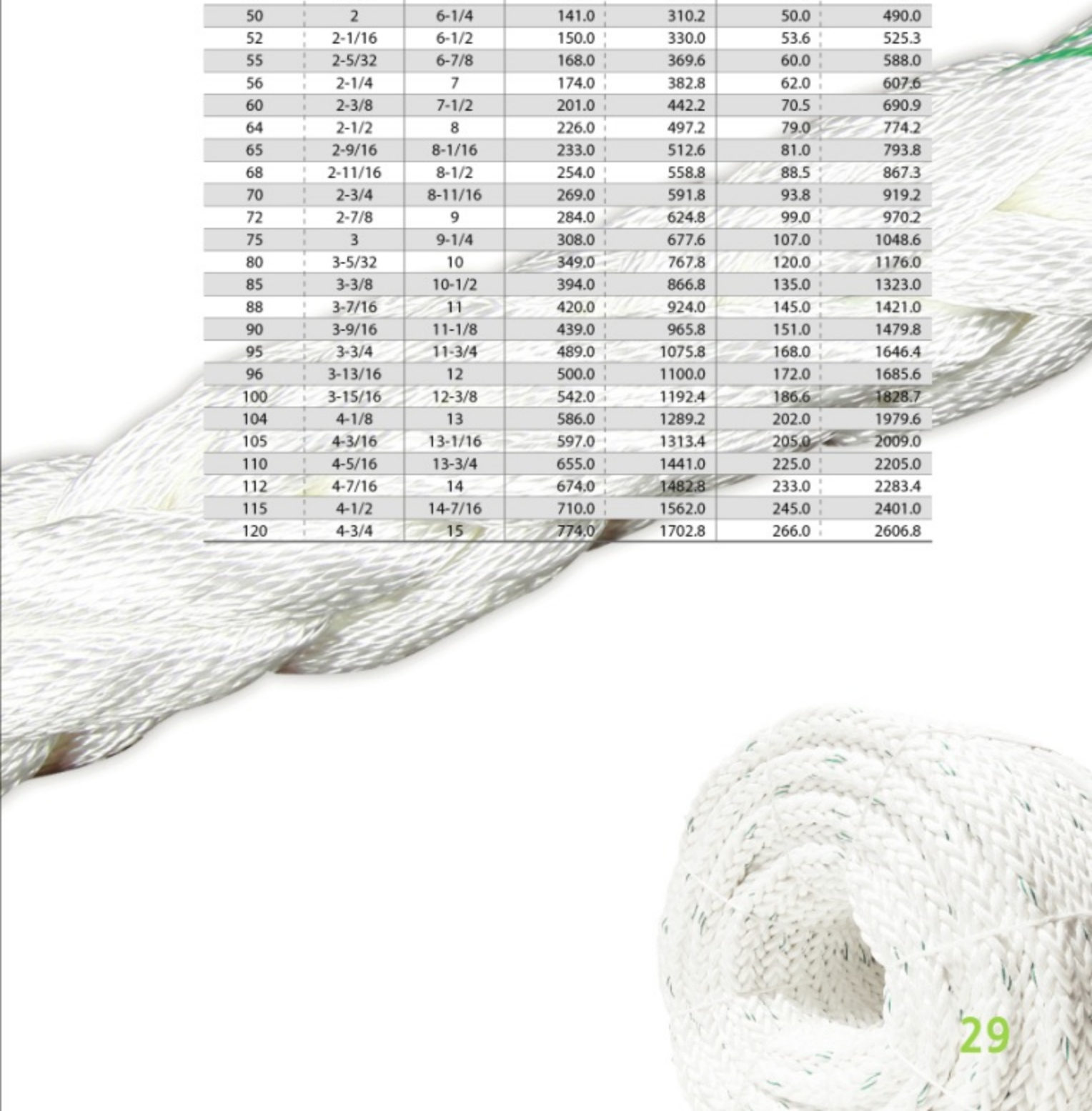
Applications : Mooring, Towing, Anchor lines, Shock lines, Slings etc.

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

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



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 : 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	81.0	178.2	33.0	323.4
42	1-21/32	5-1/4	89.3	196.5	36.3	355.7
44	1-3/4	5-1/2	98.0	215.6	39.2	384.2
45	1-25/32	5-5/8	102.0	224.4	41.2	403.8
48	1-7/8	6	118.0	259.6	45.2	443.0
50	2	6-1/4	128.0	281.6	49.4	484.1
52	2-1/16	6-1/2	135.0	297.0	52.7	516.5
55	2-5/32	6-7/8	154.0	338.8	58.6	574.3
56	2-1/4	7	161.0	354.2	60.9	596.8
60	2-3/8	7-1/2	180.0	396.0	69.3	679.1
64	2-1/2	8	203.0	446.6	77.4	758.5
65	2-9/16	8-1/16	209.0	459.8	79.3	777.1
68	2-11/16	8-1/2	228.0	501.6	86.7	849.7
70	2-3/4	8-11/16	242.0	532.4	92.0	901.6
72	2-7/8	9	255.0	561.0	97.0	950.6
75	3	9-1/4	277.0	609.4	105.4	1032.9
80	3-5/32	10	314.0	690.8	117.9	1155.4
85	3-3/8	10-1/2	354.0	778.8	133.2	1305.4
88	3-7/16	11	378.0	831.6	142.8	1399.4
90	3-9/16	11-1/8	395.0	869.0	149.0	1460.2
95	3-3/4	11-3/4	441.0	970.2	166.5	1631.7
96	3-13/16	12	450.0	990.0	168.6	1652.3
100	3-15/16	12-3/8	485.0	1067.0	183.1	1794.4
104	4-1/8	13	510.0	1122.0	197.8	1938.4
105	4-3/16	13-1/16	534.0	1174.8	201.5	1974.7
110	4-5/16	13-3/4	586.0	1289.2	221.1	2166.8
112	4-7/16	14	608.0	1337.6	229.2	2246.2
115	4-1/2	14-7/16	641.0	1410.2	243.1	2382.4
120	4-3/4	15	696.0	1531.2	261.5	2562.7



12-strand

Dia.		Cir.	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

PRIMEFLEX

PP & Polyester 8-strand

Fiber : Polypropylene combined with polyester

Construction : 8-strand plaited

Specific gravity : 1.14

Elongation at break : 14~15%

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

PRIMEFLEX

Dia.		Cir.	weight		Breaking Strength	
mm	Inch	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

Nylon Rope for Mooring(NRM)

High tenacity Nylon mutifilament

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.	weight		Breaking Strength	
mm	Inch	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



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.	weight		Breaking Strength	
mm	Inch	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





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.	weight		Breaking Strength	
mm	Inch	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	116.5	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

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Ultima-TECH	NYLON	
Ultima-TECH PLUS	POLYESTER	
Ultima-HP	PP DAN	
Ultima-HP PLUS	TUFFDAN	NYLON Rope For Mooring (NRM)
SUPERTUG-8	PRIMEDAN	NYLON Double Braid
ATLAS®	PP MULTI	NYLON & POLYESTER Double braid
MONOLON	TUFFLEX	
FLOAT-WINCHLINE	NEOFLEX	
EVO-WINCHLINE	PRIMFLEX	

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