

THE ARSENAL

8-STRAND ROPES

SUPERTUF

High Tenacity PP Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
40	5	158.00	26300
48	6	229.00	37500
56	7	312.00	53100
64	8	407.00	68700
72	9	515.00	86000
80	10	638.00	105800
96	12	917.00	150200
112	14	1254.00	203500
120	15	1430.00	232800
144	18	2068.00	324800

SUPERTUF PLUS

High Tenacity PP Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
40	5	158.00	32200
48	6	229.00	44200
56	7	312.00	60700
64	8	407.00	77800
72	9	515.00	98500
80	10	638.00	123600
96	12	917.00	17100
112	14	1254.00	234000
120	15	1430.00	265500
144	18	2068.00	373700

NYLOTUF

Nylon Multifilament Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
40	5	217.80	30700
48	6	312.40	42800
56	7	424.60	57100
64	8	554.40	73300
72	9	701.90	91500
80	10	966.80	111700
96	12	1249.60	156200
112	14	1698.40	212800
120	15	1951.40	243200
144	18	2816.00	347700

THE ARSENAL

8-STRAND ROPES

TUFFLEX

PP / Polyester Mixed Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
40	5	195.00	30700
48	6	282.00	47200
56	7	378.00	64100
64	8	495.00	84100
72	9	627.00	103800
80	10	775.00	127700
96	12	1315.00	187800
104	13	1540.00	219200
120	15	2050.00	289600
144	18	2959.00	409000

TUFFLEX PLUS

High Tenacity PP / Polyester Mixed Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
40	5	216.00	42900
48	6	310.00	62000
56	7	422.00	84600
64	8	552.00	107800
72	9	700.00	137400
80	10	862.00	167400
88	11	1045.00	201500
96	12	1243.00	238000
104	13	1459.00	279100
120	15	1943.00	364500

TUFLEX LITE

PP / Polyester Mixed Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
40	5	174.00	29100
48	6	252.00	44400
56	7	343.00	59200
64	8	448.00	75900
72	9	566.00	91600
80	10	701.00	116000
96	12	1007.00	165500
104	13	1189.00	192800
120	15	1584.00	255100
144	18	2280.00	364600

THE ARSENAL

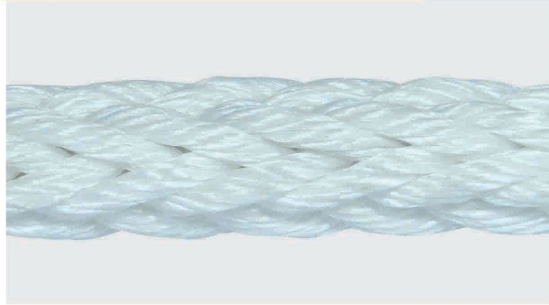
12-STRAND ROPES

THE ARSENAL

OTHER ROPES

SUPERTUF

High Tenacity PP Rope



Dia. MM	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
10	10.01	1875
16	25.50	4600
24	57.20	10000
32	101.20	17100
40	158.40	26300
48	229.00	37500
56	312.40	53100
64	407.00	68700
72	514.80	86000
80	638.00	105800

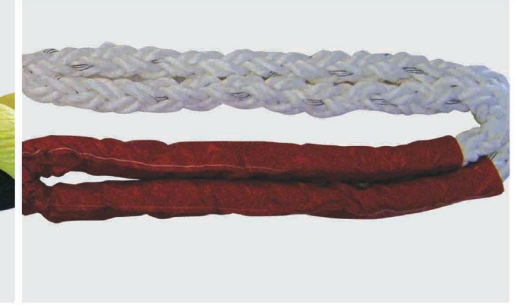
TIGER ROPE

3 Strand PP / PE Rope



RING TAILS (TUFFLEX)

PP / Polyester Mixed Ring Tail



TUFFLEX

PP / Polyester Mixed Rope



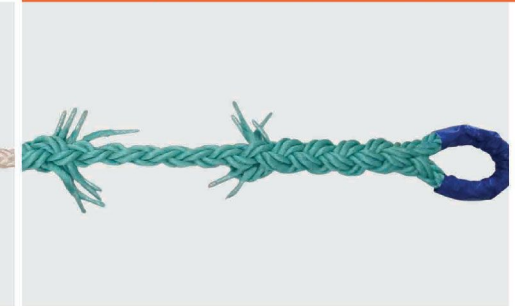
Dia. MM	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
10	12.10	1980
16	31.02	5035
24	70.18	12000
32	124.30	20000
40	194.50	30000
48	281.60	46290
56	378.40	62800
64	495.00	82600
72	627.00	102000
80	774.40	125500

MOORING TAILS • NYLON TAILS • TUFFLEX TAILS

Nylon Multifilament Tail



PP / Polyester Multifilament Tail



TUFFLEX LITE

PP / Polyester Mixed Rope



Dia. MM	Weight Kgs. / 220M	Minimum Breaking Load KgF (kilogram-force)
10	11.00	1900
16	28.16	4900
24	63.00	10800
32	111.00	18300
40	174.00	29100
48	252.00	44400
56	343.00	59200
64	448.00	75900
72	566.00	91600
80	701.00	116000

WINCHLINE

Double Braided Rope



THE ARSENAL

3-STRAND ROPES

SUPERTUF

High Tenacity Polypropylene Rope



Dia. MM	Weight / 220 Mtrs.	Minimum Breaking Load KgF (kilogram-force)
10	10.00	1875
12	14.50	2750
16	25.50	4600
20	39.60	7000
24	57.20	10000
36	128.70	21100
48	228.80	37500
56	312.50	53100
64	407.00	68700
72	515.00	86000

TUFFLEX SINKING

High Tenacity PP/ Polyester Mixed Rope



Dia. MM	Weight / 220 Mtrs.	Minimum Breaking Load KgF (kilogram-force)
10	13.40	1670
12	20.00	2440
16	37.00	4240
20	57.00	6510
24	83.80	9380
36	191.00	19820
48	157.60	34585
56	360.40	47500
64	470.80	61500
72	596.00	77000

LEAD ROPE

Supertuf Rope with Lead in the Core



Dia. MM	Weight / 220 Mtrs.	Minimum Breaking Load KgF (kilogram-force)
8	35.20	1110
10	52.80	1630
12	77.50	2320
14	105.60	3200
16	136.10	3950
18	173.50	5050
20	211.20	6090
24	305.10	8530

THE ARSENAL

3-STRAND ROPES

SUPERTUF LONG LENGTH

Supertuf Rope in Box Packing



Dia. MM	Length Mtrs	Weight Kgs	Minimum Breaking Load KgF (kilogram-force)	Box Type
8	1000	30.00	1200	Small
10	666	30.00	1800	Small
12	454	30.00	2700	Small
14	333	30.00	3600	Small
16	2550	300.00	4500	Big
18	2025	300.00	5800	Big
20	1666	300.00	6900	Big

HDPE ROPE

HDPE Monofilament Rope



Dia. MM	Weight / 220 Mtrs.	Minimum Breaking Load KgF (kilogram-force)
6	3.96	400
8	7.26	700
10	10.78	1090
12	15.84	1540
14	20.90	2090
16	28.16	2800
18	35.42	3500
20	44.00	4300
24	53.46	5100
32	115.50	10710

NYLOTUF

High Tenacity Nylon Multifilament Rope



Dia. MM	Weight / 220 Mtrs.	Minimum Breaking Load KgF (kilogram-force)
8	8.80	1390
10	13.60	2130
12	19.60	3040
16	34.80	5380
20	53.90	8450
24	78.10	12000
36	176.00	24900
40	217.80	30000
48	312.40	42000
56	424.60	56000

*Other sizes and lengths available on request.

THE ARSENAL

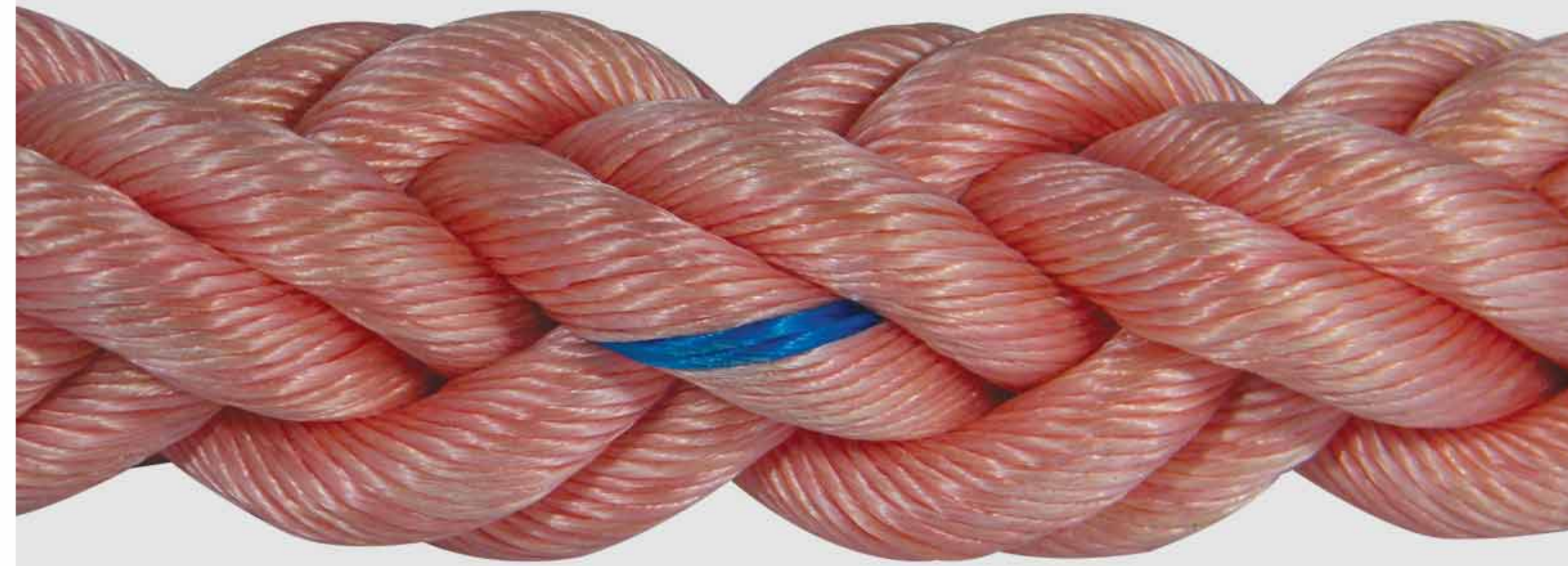
8-STRAND ROPES

THE ARSENAL

8 & 12-STRAND ROPES

SUPERTUF

High Tenacity PP Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220 M	Minimum Breaking Load KgF (kilogram-force)
40	5	158.00	26300
48	6	229.00	37500
56	7	312.00	53100
64	8	407.00	68700
72	9	515.00	86000
80	10	638.00	105800
96	12	917.00	150200
112	14	1254.00	203500
120	15	1430.00	232800
144	18	2068.00	324800

TUFFLEX

PP / Polyester Mixed Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220 M	Minimum Breaking Load KgF (kilogram-force)
40	5	195.00	30700
48	6	282.00	47200
56	7	378.00	64100
64	8	495.00	84100
72	9	627.00	103800
80	10	775.00	127700
96	12	1315.00	187800
104	13	1540.00	219200
120	15	2050.00	289600
144	18	2959.00	409000

SUPERTUF PLUS

High Tenacity PP Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220 M	Minimum Breaking Load KgF (kilogram-force)
40	5	158.00	32200
48	6	229.00	44200
56	7	312.00	60700
64	8	407.00	77800
72	9	515.00	98500
80	10	638.00	123600
96	12	917.00	171100
112	14	1254.00	234000
120	15	1430.00	265500
144	18	2068.00	373700

NYLOTUF

Nylon Multifilament Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220 M	Minimum Breaking Load KgF (kilogram-force)
40	5	217.80	30700
48	6	312.40	42800
56	7	424.60	57100
64	8	554.40	73300
72	9	701.90	91500
80	10	866.80	111700
96	12	1249.60	156200
112	14	1698.40	212800
120	15	1951.40	243200
144	18	2816.00	347700

TUFFLEX PLUS

High Tenacity PP / Polyester Mixed Rope



Dia. MM	Cir. Inch	Weight Kgs. / 220 M	Minimum Breaking Load KgF (kilogram-force)
40	5	216.00	42900
48	6	310.00	62000
56	7	422.00	84600
64	8	552.00	107800
72	9	700.00	137400
80	10	862.00	167400
88	11	1045.00	201500
96	12	1243.00	238000
104	13	1459.00	279100
120	15	1943.00	364500

SUPERTUF SEINER

High Tenacity PP Rope



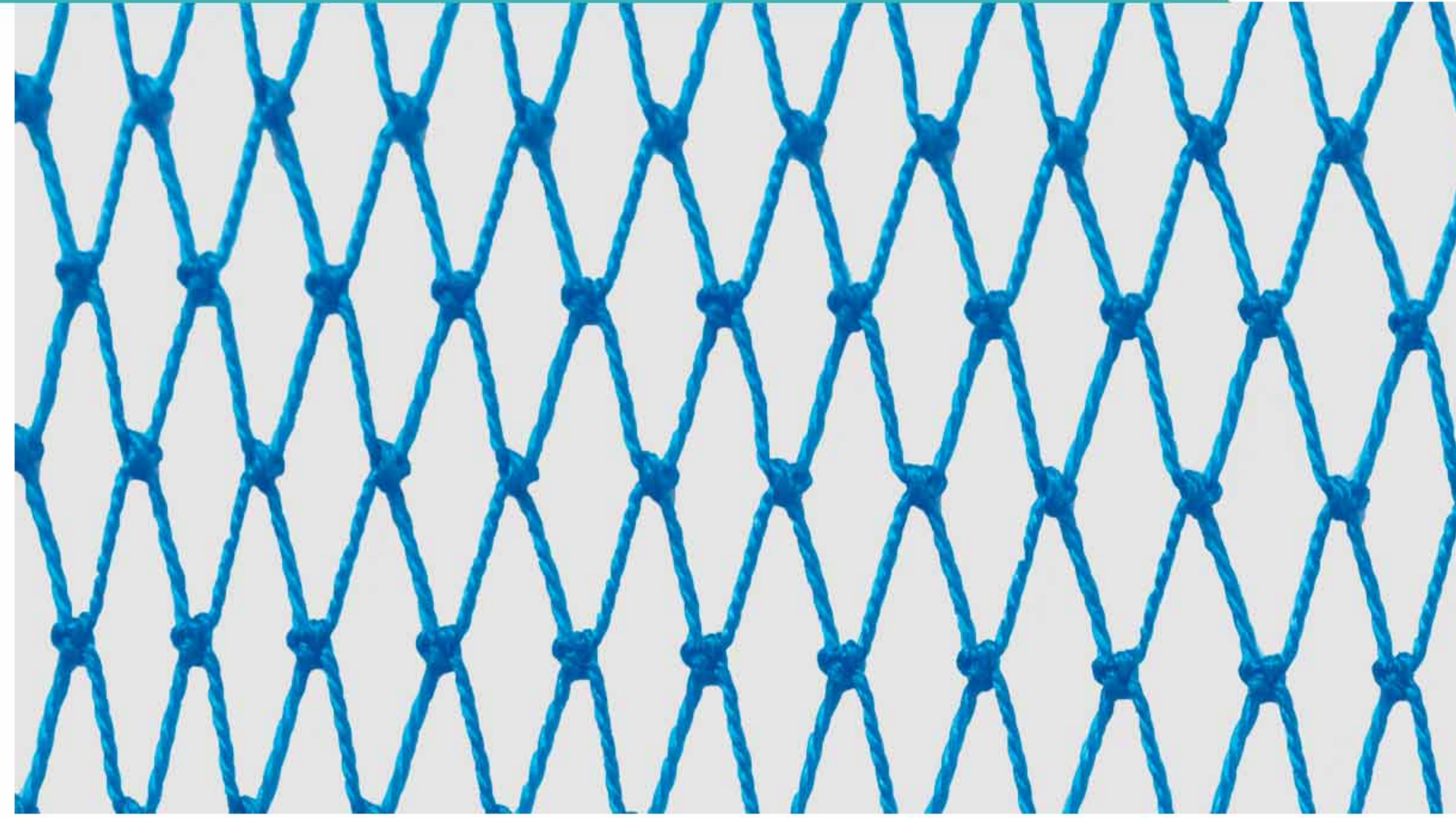
Dia. MM	Weight Kgs. / 220 M	Minimum Breaking Load KgF (kilogram-force)
10	10.01	1875
16	25.50	4600
24	57.20	10000
32	101.20	17100
40	158.40	26300
48	229.00	37500
56	312.40	53100
64	407.00	68700
72	514.80	86000
80	638.00	105800

THE ARSENAL

KNOTTED NETTING

ULTRA 28

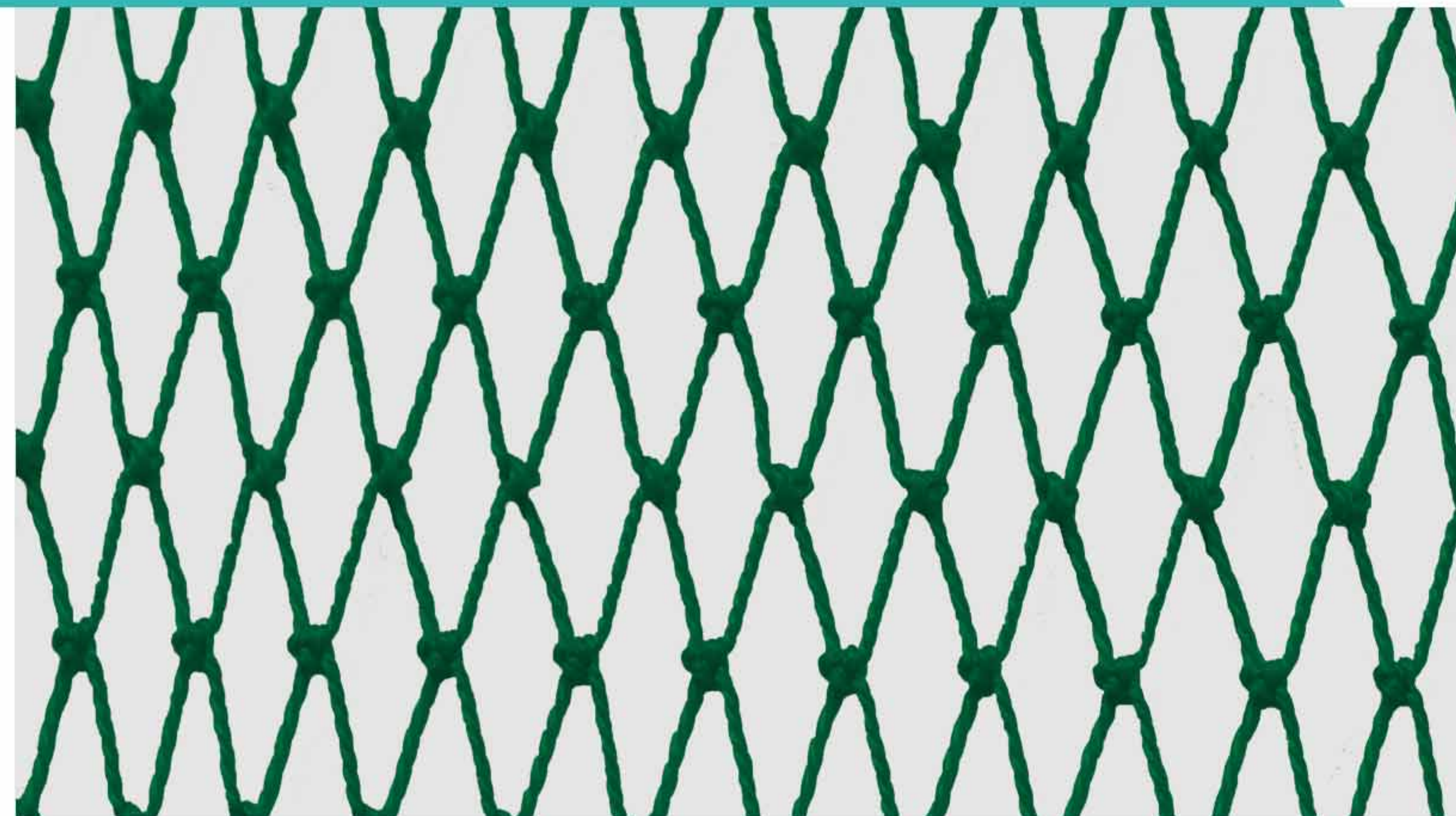
HDPE Twisted Knotted Netting



Denier	Ply	Runnage (Mtr. / Kg)	BS (Kgf)
280	6 Ply	5035	6.60
280	9 Ply	3320	10.00
280	12 Ply	2460	13.20
280	18 Ply	1640	19.40
280	24 Ply	1230	25.80
280	27 Ply	1095	28.50
280	36 Ply	810	38.00
280	63 Ply	460	66.00
280	81 Ply	358	85.00
280	117 Ply	240	123.00

ULTRA 38

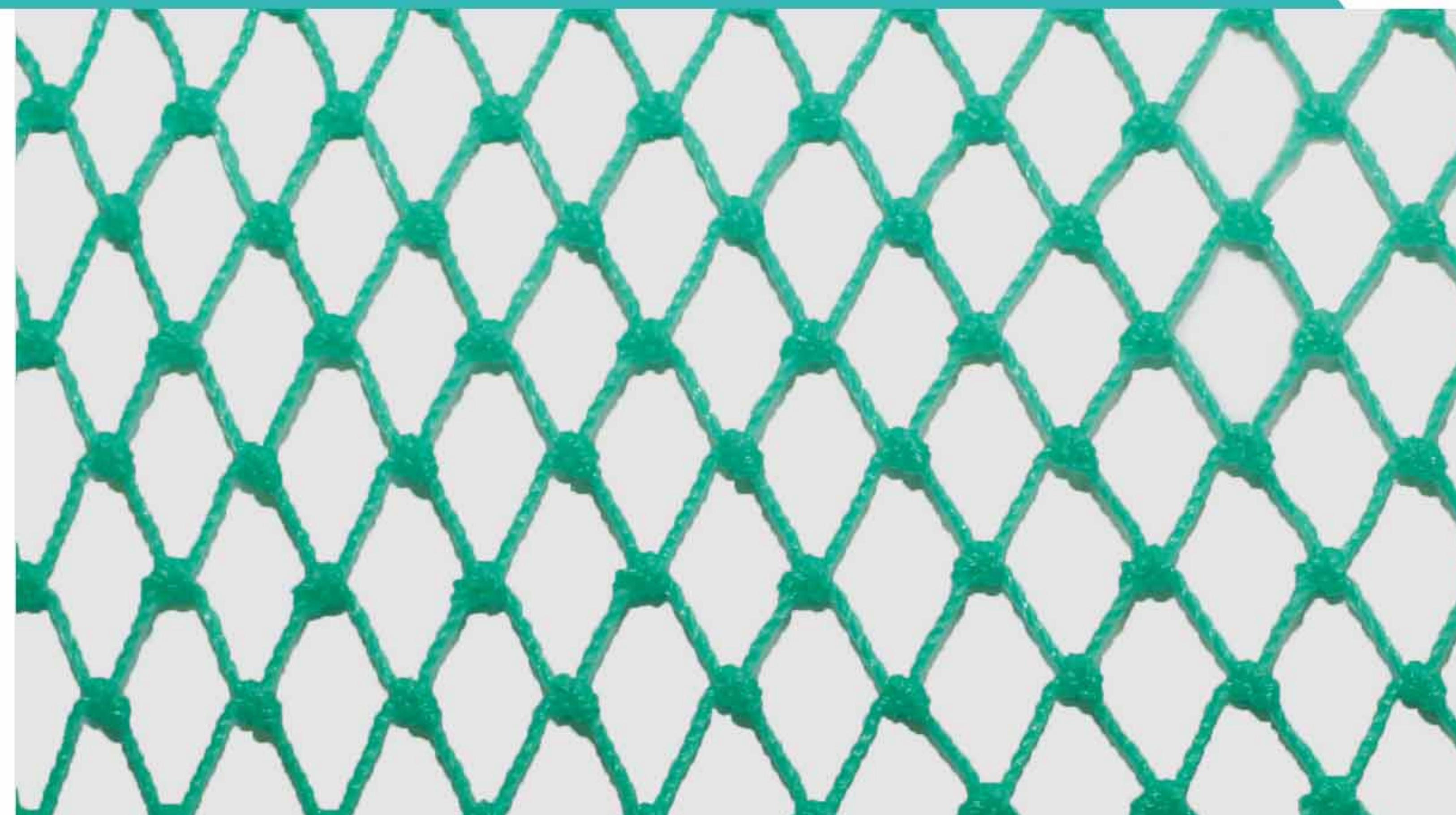
HDPE Twisted Knotted Netting



Denier	Ply	Runnage (Mtr. / Kg)	BS (Kgf)
380	6 Ply	3450	10.70
380	9 Ply	2300	16.10
380	15 Ply	1350	25.80
380	18 Ply	1125	30.50
380	24 Ply	845	40.00
380	27 Ply	752	44.50
380	36 Ply	675	49.00
380	60 Ply	337	100.00
380	90 Ply	225	150.00
380	108 Ply	110	260.00

ULTRA 50

HDPE Twisted Knotted Netting



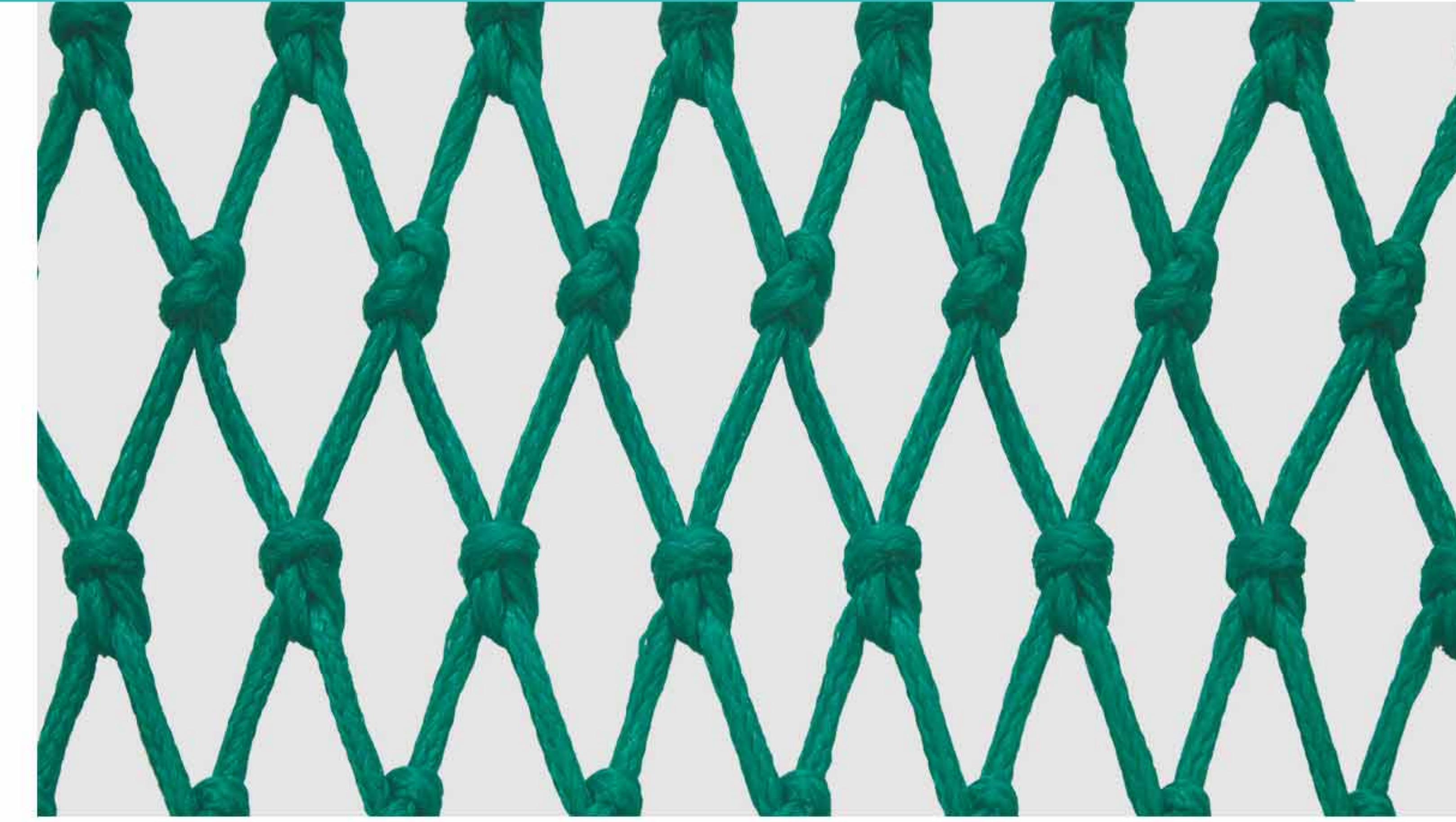
Denier	Ply	Runnage (Mtr. / Kg)	BS (Kgf)
500	6 Ply	2700	17
500	9 Ply	2025	24
500	12 Ply	1350	32
500	18 Ply	900	48
500	24 Ply	670	64
500	27 Ply	595	72
500	36 Ply	446	96
500	60 Ply	265	150
500	72 Ply	220	185
500	108 Ply	150	275

THE ARSENAL

KNOTTED NETTING

ULTRA COD

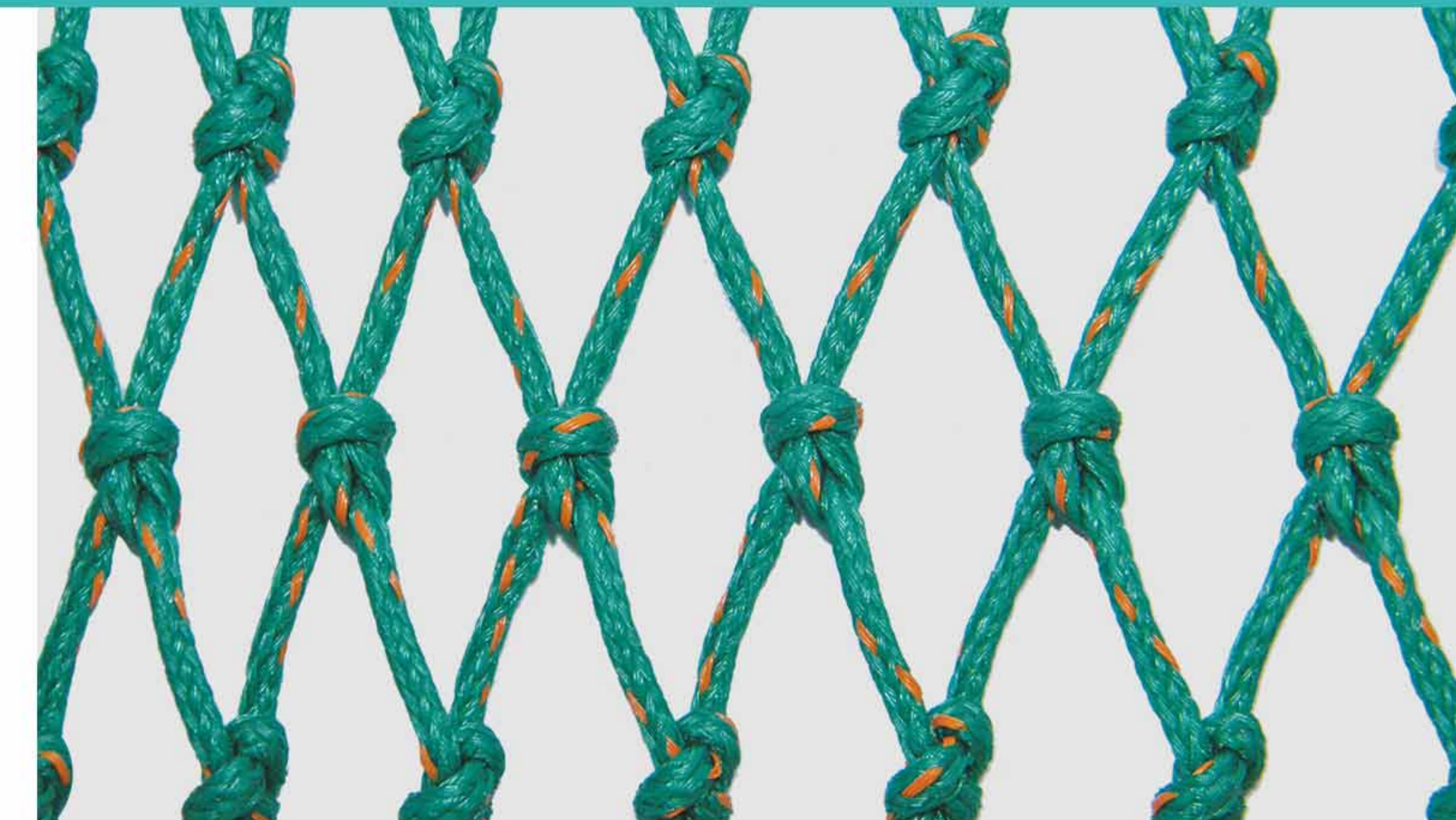
HDPE Braided Knotted PE Netting



Denier	Runnage (Mtr. / Kg)	BS (Kgf)	BL (Mtr)
1.5	715	55.00	39325
2	500	65.00	32500
2.5	405	86.00	34830
3	268	120.00	32160
4	200	171.00	34200
5	125	240.00	30000
6	89	380.00	33820
7	74	420.00	31080
8	58	560.00	32480

TUFLINE

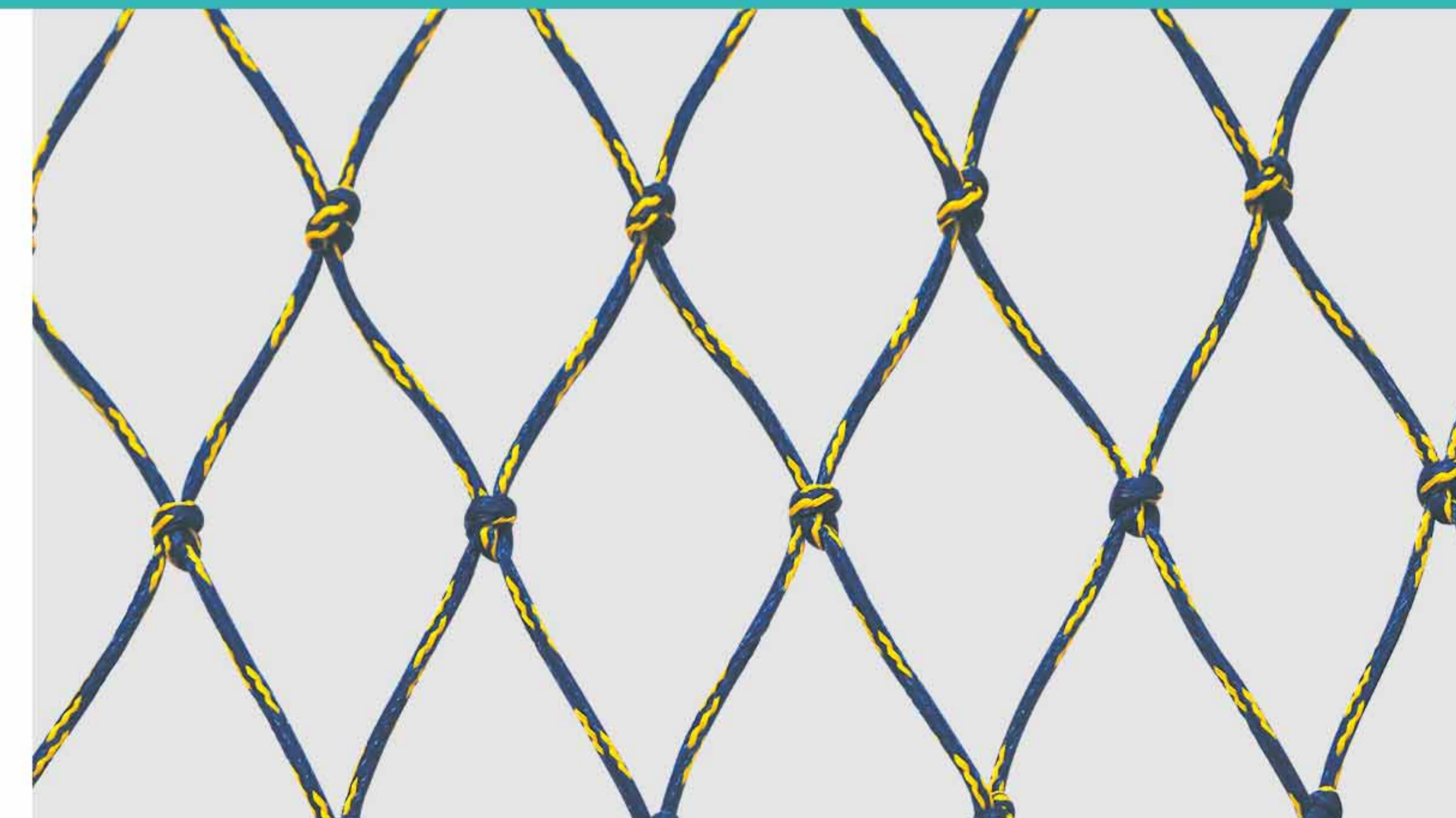
HDPE Braided Knotted Compact Netting



Denier	Runnage (Mtr. / Kg)	BS (Kgf)	BL (Mtr)
12	800	53.00	42400
2	370	105.00	38850
2.5	287	130.00	37310
3	255	155.00	39525
3.5	190	210.00	39900
4	155	240.00	37200
5	100	353.00	35300
6	59	625.00	36875
7	48	700.00	33600
8	37	875.00	32375

AQUAMARINE

High Tenacity HDPE Braided Knotted Netting



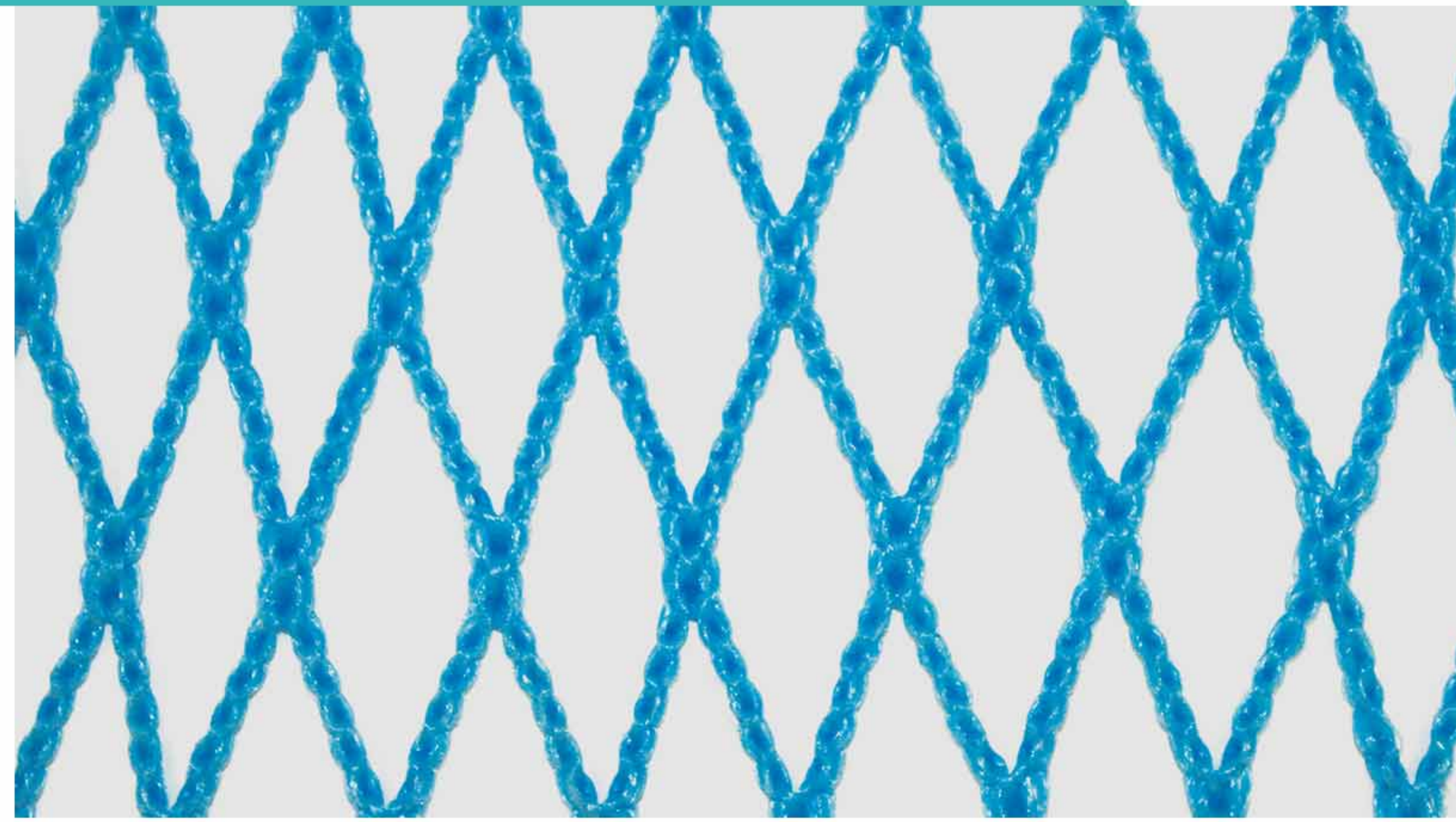
Denier	Runnage (Mtr. / Kg)	BS (Kgf)	BL (Mtr)
12	820	59.00	48380
1.7	560	80.00	44800
2.1	260	115.00	29900
2.6	155	255.00	39525
3.5	125	355.00	44375
4.2	101	415.00	41915
5	75	544.00	40800
6	59	700.00	41300
6.7	45	800.00	36000
7.2	37	900.00	33300

THE ARSENAL

KNOTLESS NETTING

AQUATUF

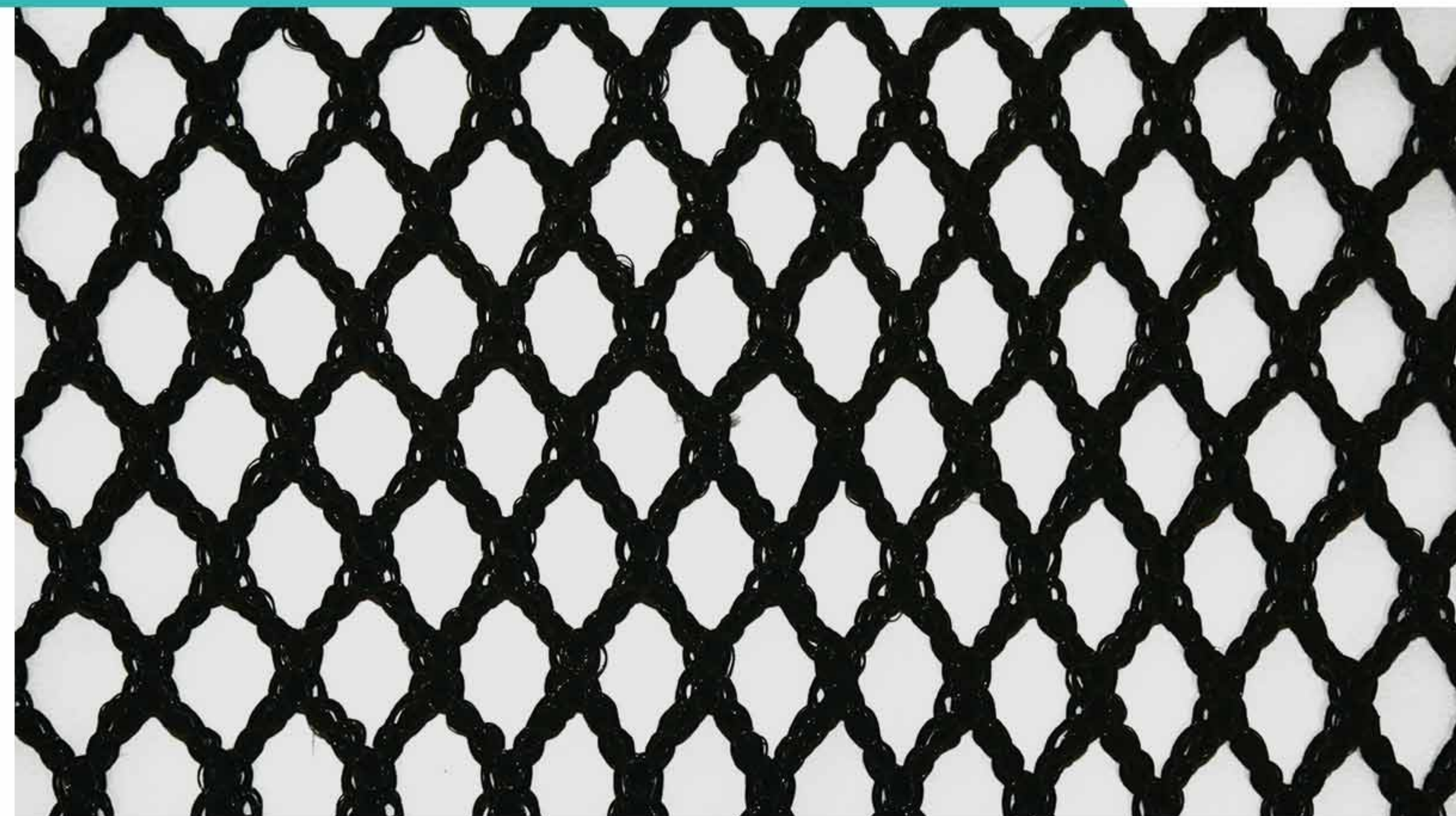
HDPE Knotless Netting



Knot Type	Max MD	Min / Max Ply	Mesh Size MMKK	Min Twine Thickness	Mesh Breaking Strength - Range
Normal Knot (Tuf Knot)	338	500 D / 8	16 - 50	1 mm	12 - 150 Kgf
		90 D / 420	35 - 250	4.5 mm	
Both Heavy / Soft Weave possible					

AQUATUF LITE

HDPE Knotless Netting



Knot Type	Max MD	Min / Max Ply	Mesh Size MMKK	Min Twine Thickness	Mesh Breaking Strength - Range
Normal Knot (Tuf Knot)	538	250 D / 8	10 - 50	1 mm	8 - 50 Kgf
		500 D / 32	35 - 250	3 mm	
Both Heavy / Soft Weave possible					

POLYESTER

Polyester Multifilament Knotless Netting



Knot Type	Max MD	Min / Max Ply	Mesh Size MMKK	Min Twine Thickness	Mesh Breaking Strength - Range
Normal Knot (Tuf Knot)	780	250 D / 24	16 - 100	1 mm	26 - 165 Kgf
		250 D / 200	30 - 150	3.5 mm	
2 in 2 out (Normal Knot)	390	250 D / 140 210 D / 400	30 - 150 50 - 240	3 mm 6 mm	110 - 400 Kgf

THE ARSENAL

KNOTLESS NETTING

PPMF

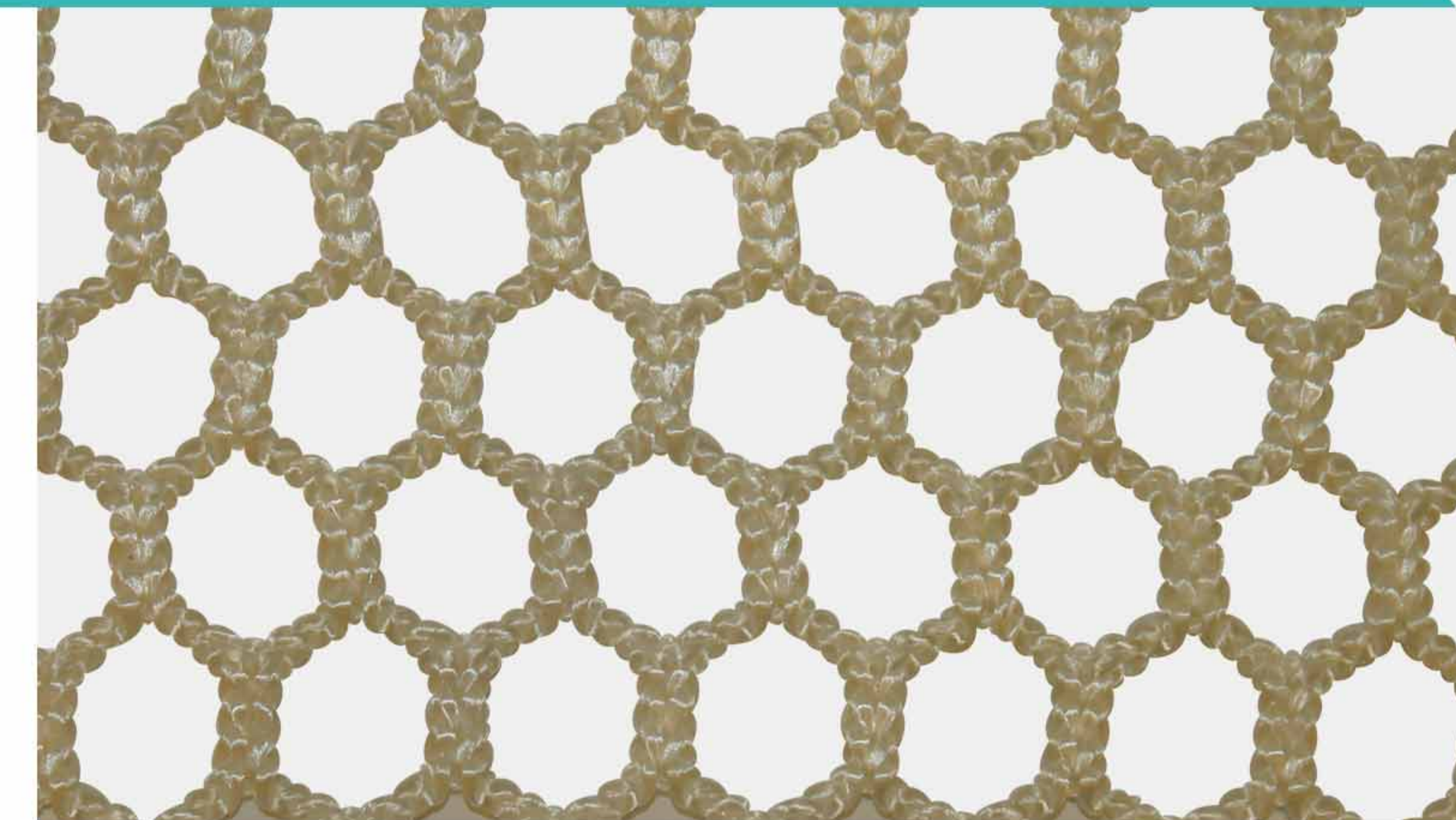
Polypropylene Multifilament Knotless Netting



Knot Type	Max MD	Min / Max Ply	Mesh Size MMKK	Min Twine Thickness	Mesh Breaking Strength - Range
Normal Knot (Tuf Knot)	780	1000 D / 12	20 - 100	2 mm	50 - 175 Kgf
		250 D / 36	30 - 150	2.5 mm	
2 in 2 out (Normal Knot)	390	1000 D / 24 1000 D / 72	40 - 150 50 - 240	2.5 mm 5 mm	95 - 280 Kgf

NYLON

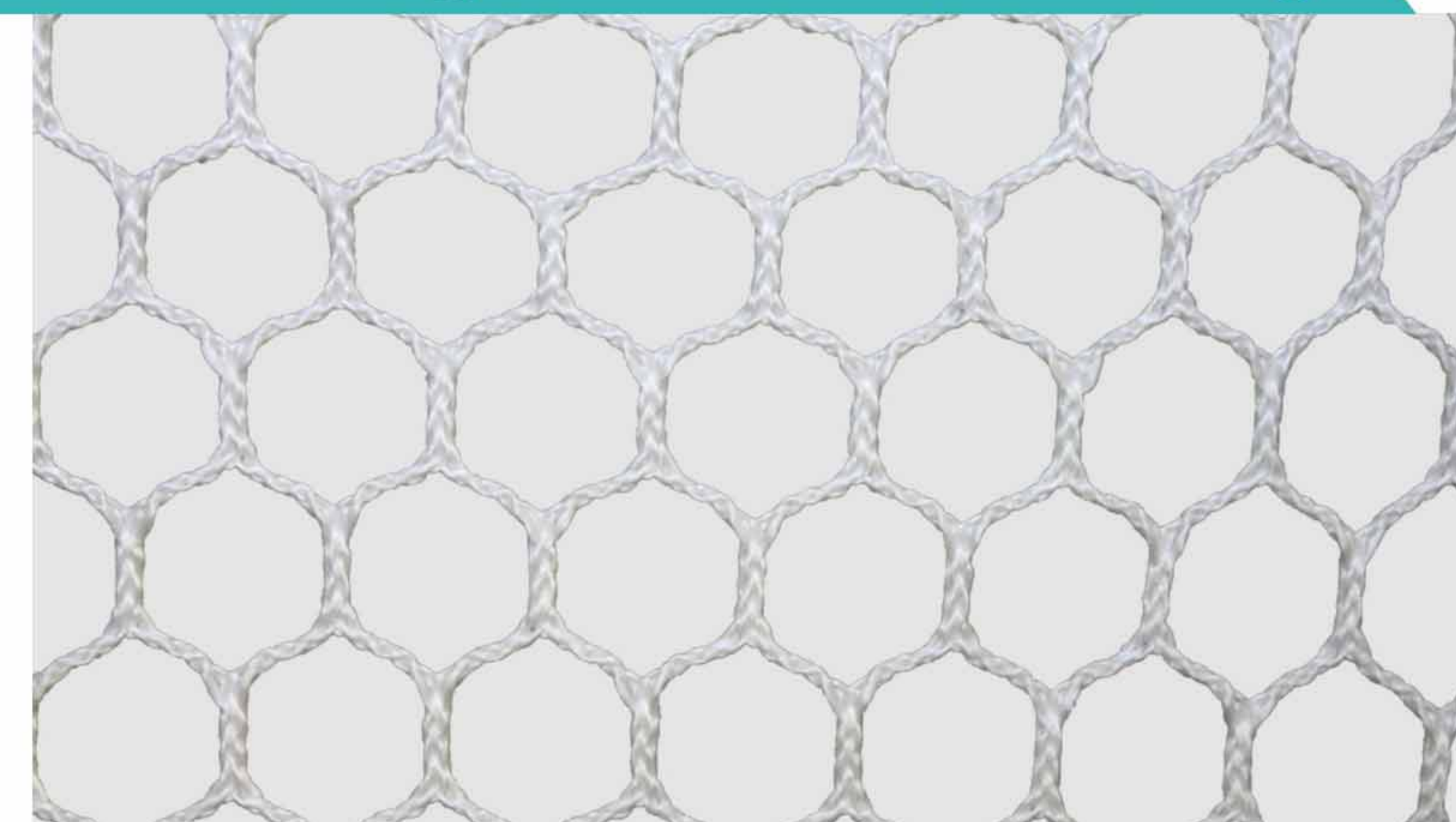
Knotless Nylon Multifilament Netting



Knot Type	Max MD	Min / Max Ply	Mesh Size MMKK	Min Twine Thickness	Mesh Breaking Strength - Range
Normal Knot (Tuf Knot)	780	210 D / 24	16 - 100	1 mm	26 - 165 Kgf
		210 D / 200	30 - 150	3.5 mm	
Super Knot	780	210 D / 72 210 D / 180	16 - 100 30 - 150	1.5 mm 2.7 mm	96 - 180 Kgf
2 in 2 out (Normal Knot)	390	210D / 140 210D / 400	30 - 150 50 - 240	3 mm 5.5 mm	120 - 400 Kgf

HMPE

Knotless High Molecular PE Netting



Knot Type	Max MD	Min / Max Ply	Mesh Size MMKK	Min Twine Thickness	Mesh Breaking Strength - Range
Normal Knot (Tuf Knot)	780	1600 D / 6	16 - 100	1.5 mm	70 - 200 Kgf
		1600 D / 24	30 - 150	2.5 mm	
2 in 2 out (Normal Knot)	390	1600 D / 24 1600 D / 48	50 - 150 70 - 150	3 mm 5 mm	150 - 400 Kgf