



FISHERIES



"Garware fishing solutions are always customer centric and innovative to meet the needs of the industry"

Keeping Customers Ahead, Always!

Backed by relentless product innovation and application focused approach, Garware is serving the global fishing industry for around three decades now. With customer base spread over in 75 countries, we are serving the needs of fishing customers in Bottom fishing, Pelagic fishing, Purse-Seines and crab/lobster fishing.

Unique Customer Advantage

Garware is India's largest exporter of fishing nets and leading global manufacturer of fishing nets and trawls. Consistent and reliable quality has been the hallmark of Garware's fishing solutions- earning us a reputation of highly dependable supplier across the globe.



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BRAIDED TRAWL NETS

(Bottom and Pelagic Trawling)



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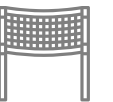
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FISHERIES : Braided Trawl Nets



High performance Sapphire netting is the answer to the global fishing community's crying need for long lasting nets and lower operating costs. With its High Knot Breaking strength and Excellent Abrasion Resistance, Sapphire netting is designed to reduce towing resistance which, in turn, lowers fuel consumption and increases efficiency.

Application:

Trawl Mouth, Wings, Belly & Cod-End

Benefits:

Fuel saving
Long trawl Life

Features:

Compact netting
25-30% Downsizing over standard PE
Very good Dimensional stability
Low shrinkage properties in waters
Good abrasion Resistance
Better knot tightness

Specifications

Actual Dia.(mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
1.2	775	59	80
1.7	530	80	110
2.1	340	115	150
2.6	260	155	225
3.1	190	220	299
3.5	155	255	350
3.8	125	325	440
4.2	101	355	520
4.6	84	500	620
5.0	75	544	732
6.0	59	700	975
6.7	45	800	1100
7.2	37	900	1350



SNG nets have brought about a paradigm shift in trawl net segment. While it scores over Sapphire on Breaking strength and abrasion resistance-the fishermen also like its superior compactness that enhances trawl life and reduces fuel bill.

Application:

Trawl Mouth, Wings, Belly & Cod-End

Benefits:

Trawl shape retention
Best in class fuel saving
Good mouth opening

Features:

Best in Class compact Netting
Upto 20% downsizing over Sapphire
Least shrinkage in waters
Good Abrasion Resistance
Best Dimensional stability
Better knot tightness

Specifications

Actual Dia.(mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
1.2	840	62	75
1.7	515	100	120
2.1	350	140	185
2.3	260	180	220
2.6	220	225	280
3.1	190	260	315
3.5	168	300	355
3.8	138	320	400
4.2	110	420	515
5.0	80	590	745
6.0	61	730	940
6.7	52	860	1100
7.2	39	1050	1350



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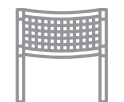
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FISHERIES : Braided Trawl Nets



X1S

X1s is the latest compact range that offer downsizing over SNG to save fuel bill while retaining compactness and abrasion resistance similar to SNG

Application:

Trawl Belly

Benefits:

Best in class fuel saving

Features:

15% additional downsizing over SNG
Good Abrasion Properties
Best Dimensional stability
Better knot tightness

Specifications

Nominal Dia.(mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
1.8	377	140	170
2.1	290	180	215
2.4	240	215	260
2.9	215	240	315
3.1	180	275	350
3.5	155	335	420
3.8	122	410	510
5.0	70	660	820
5.5	67	695	925
6.7	45	975	1250



Olivene is the world's first compact trawl netting acquired by Garware from INT, UK.

Application:

Trawl Belly and Cod-end

Benefits:

Fuel saving
Long life

Features:

Compact netting
10-15% Downsizing over standard PE
Better knot tightness
Good abrasion Resistance

Specifications

Actual Dia.(mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
2.0	370	105	140
2.5	287	130	175
3.0	255	155	210
3.5	190	210	275
4.0	155	240	330
4.5	119	300	440
5.0	100	353	523
5.5	84	453	660
6.0	59	625	900
7.0	48	700	1000
8.0	37	875	1300



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FISHERIES : Braided Trawl Nets



Standard PE Braided

Standard Braided HDPE nets are used by customers for economical usage in Trawling.

Application:

Trawl Belly and Cod-end covers

Benefits:

Economical in use

Features:

Good abrasion Resistance
Available in multiple color options

Specifications

Actual Dia.(mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
1.5	800	45	60
1.8	615	58	79
2.5	405	86	107
3.0	281	120	160
3.5	225	150	210
4.0	190	175	260
4.5	140	238	345
5.0	129	240	344
6.0	89	380	525
7.0	60	460	690
8.0	34	700	1140



Stiff Codend

Designed for codend segment, Stiff codend net combines stiffness with low elongation and high abrasion properties to enhance life.

Application:

Cod-end

Benefits:

Prevention of Fish catch loss

Features:

Extra stiffness
Difficult to open mesh under loading

Specifications

Dia (mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
4.0	125	275	375
5.0	65	445	630
6.0	60	535	800
6.7	45	670	1000
7.0	34	870	1280



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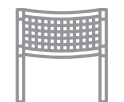
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FISHERIES : Braided Trawl Nets



Flexible Codend

Unlike Stiff codend, this codend net offers flexibility in usage due to its special soft twine construction resulting in better fish quality.

Application:

Codend

Benefits:

Easy in handling
Long life of codend
Less mending required

Features:

Soft feel
Extra high Abrasion resistance

Specifications

Twine Size (mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
6.0	65	550	820



Polyester Braided

These Stiff Polyester braided nets are specially treated for BEAM Trawling due to its low elasticity.

Application:

BEAM Trawls

Benefits:

Long lasting nets

Features:

Stiff Netting-Special treatment
Good Abrasion Properties

Specifications

Actual Dia.(mm)	Runnage (m/kg)	Min Breaking Strength (kgf)
2.0	500	70
2.5	340	160
3.0	250	145
4.0	170	225
4.25	125	290
4.5	100	360
5.0	84	500
5.5	62	600
6.0	50	730
6.5	40	925
7.0	35.2	1220
8.0	30.16	1365
8.5	28.48	1390



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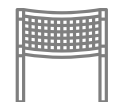
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FISHERIES : Braided Trawl Nets



Pelagic Nylon Braided

Manufactured from high tenacity nylon yarns, these nets for Pelagic trawls are specially impregnated for long life.

Application:

Trawl Mouth, Belly & Cod-End

Benefits:

Good life
Faster sinking

Features:

Special impregnation for filament bonding

Better shock absorption and elasticity

Specifications

Twine Dia.(mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
2.0	301	178	217
2.1	233	210	258
2.5	196	264	322
3.0	131	396	469
3.5	115	422	520
4.0	96	530	631
4.5	76	697	705
5.0	68	746	854
6.0	51	945	1102
7.0	45	1050	1200
8.0	35	1292	1386
9.0	31	1350	1550
10.0	26	1700	1800



Non-Pelagic Nylon Braided

Manufactured from high tenacity nylon yarns, these nets for applications other than Pelagic are supplied with different treatment for long life.

Application:

Various

Benefits:

Good life

Features:

Special impregnation for filament bonding

Specifications

Construction	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
210 D/3/16	790	58	69
210 D/4/16	588	96	110
210 D/6/16	386	136	160
210 D/8/16	289	175	198
210 D/10/16	235	227	240
210 D/12/16	200	266	296
210 D/16/16	150	359	404
210 D/18/16	128	425	430
210 D/24/16	97	518	553
210 D/36/16	66	782	845
210 D/38/16	64	800	855
210 D/42/16	57	950	1000
210 D/44/16	51	955	1025
210 D/48/16	46	920	1050
210 D/52/16	42	1139	1280
210 D/56/16	38	1178	1360
210 D/64/16	35	1292	1510
210 D/72/16	30	1300	1480
210 D/84/16	26	1700	1890



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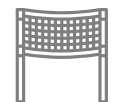
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FISHERIES : Braided Trawl Nets

Plateena Braided

Made from UHMPE yarn, these plateena braided nettings are best suited for Shrimp fishing to bring maximum benefits in each voyage

Application:

Shrimp Trawling

Benefits:

Significant diameter reduction than regular PE braided

Highest strength to weight ratio

High fuel saving

Features:

Double knotted to prevent slippage

Coating for long life

High strength

Significant weight reduction than regular PE braided

Specifications

Size No.	Approx Dia. (mm)	Runnage Mtrs/kg
503	1.0	2790
505	1.4	1210
509	1.75	666
510	2.5	328
511	3.0	215



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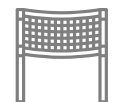
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TWISTED NETS

(Bottom Trawling + Crab/Lobster Pots)



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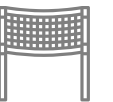
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FISHERIES : Twisted Nets

380 D (Regular)

High strength 380D nets are used in shrimp and small vessel trawling.

Specifications

Construction	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
380 D/6 PLY	3450	9.6	16
380 D/9 PLY	2300	14.5	21
380 D/12 PLY	1688	18.8	30
380 D/15 PLY	1350	23.2	38
380 D/18 PLY	1125	27.5	45
380 D/21 PLY	966	31.9	49
380 D/24 PLY	845	36.0	54
380 D/27 PLY	752	40.1	66
380 D/30 PLY	675	44.1	72
380 D/36 PLY	564	52.3	80
380 D/42 PLY	482	60.3	96
380 D/45 PLY	450	64.7	102
380 D/48 PLY	432	68.5	110
380 D/54 PLY	384	77.2	117
380 D/60 PLY	337	90.0	132
380 D/72 PLY	300	108.0	147
380 D/90 PLY	225	135.0	178
380 D/108 PLY	187	153.0	195
380 D/120 PLY	165	171.0	221
380 D/150 PLY	132	207.0	260
380 D/180 PLY	110	234.0	347
380 D/315 PLY	67	441.0	475

Application:

Bottom Trawling
Crab Pots and Lobster Traps

Benefits:

Long life

Features:

Good abrasion
Very good mesh stability



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FISHERIES : Twisted Nets



Application:

Bottom Trawling
Crab Pots and Lobster Traps

Benefits:

Long life

Features:

Good abrasion
Very good mesh stability

500 D (Regular)

High strength 500D nets are used in shrimp and small vessel trawling.

Specifications

Construction	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
500 D/ 2X3	2700	15.30	20
500 D/ 3X3	2025	21.60	25
500 D/ 4X3	1350	28.80	39
500 D/ 5X3	1080	36.00	48.6
500 D/ 6X3	900	43.20	54.7
500 D/ 7X3	780	50.40	68
500 D/ 8X3	670	57.60	73
500 D/ 9X3	595	64.80	76
500 D/ 10X3	558	69.30	86
500 D/ 12X3	446	86.40	102.8
500 D/ 13X3	425	90.00	112
500 D/ 14X3	395	95.00	115
500 D/ 15X3	368	103.50	130
500 D/ 16X3	344	110.00	135
500 D/ 20X3	265	135.00	190
500 D/ 24X3	220	166.50	205
500 D/ 28X3	190	193.50	240
500 D/ 30X3	175	202.50	280
500 D/ 36X3	150	247.50	311
500 D/ 40X3	130	270.00	345
500 D/ 50X3	105	300.00	370



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Sapphire Twisted (380D)

380D Sapphire twisted is stronger yarn than regular 380D, thereby offering longer trawl life.

Application:

Bottom Trawling

Benefits:

Fuel saving
Less mending required

Features:

15-20% downsizing over regular 380 nettings
Around 30% higher Abrasion resistance than regular 380D nettings

Specifications

Construction	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
380 D/3X3	2400	18.8	26
380 D/4X3	1775	25	34
380 D/5X3	1375	33	42
380 D/6X3	1125	38	51
380 D/7X3	966	41	60
380 D/8X3	845	44	64
380 D/9X3	760	49.5	74
380 D/10X3	675	55	84
380 D/12x3	564	65	93
380 D/14x3	482	75	110
380 D/15X3	457	81	120
380 D/16x3	432	87	130
380 D/18x3	384	100	145
380 D/20x3	337	112	160



Sapphire Twisted (500D)

500D Sapphire twisted is stronger yarn than regular 500D, thereby offering longer trawl life.

Application:

Bottom Trawling

Benefits:

Fuel saving
Less mending required

Features:

15-20% downsizing over regular 500 D nettings
Around 30% higher Abrasion resistance than regular 500 D nettings

Specifications

Construction	Runnage (m/kg)	Knot Breaking Strength (kgf)
500 D/3x3	1950	32.7
500 D/4x3	1350	44.7
500 D/5x3	1080	55
500 D/6x3	900	66
500 D/7x3	780	75
500 D/8x3	670	87
500 D/9x3	595	98
500 D/10x3	558	100
500 D/12x3	450	128
500 D/13x3	425	135
500 D/14x3	395	145



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FISHERIES : Twisted Nets



Nylon Twisted

Nylon twisted nets are used in variety of trawling and pot applications. These are suitably treated and thermo-stabilized for longer life and least shrinkage.

Application:

Crab Pot Eyes
Trawling
Salmon Traps

Benefits:

Good life

Features:

High strength
Sinking
Good shock absorption
Different treatment available to suit specific needs

Specifications

Construction	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
210 D/4X3	3386	18.0	22.1
210 D/6X3	2207	28.0	31
210 D/8X3	1626	38.0	41
210 D/10X3	1312	48.0	51
210 D/12X3	1075	57.0	58
210 D/14X3	882	66.0	71
210 D/16X3	790	77.0	82.3
210 D/18X3	686	86.0	90
210 D/20X3	632	95.0	97
210 D/22X3	579	105.0	110
210 D/24X3	527	115.0	117
210 D/28X3	444	134.0	137

Specifications contd.

Construction	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
210 D/30X3	420	144.0	147
210 D/32X3	373	154.0	157
210 D/36X3	348	169.0	172
210 D/40X3	323	182.0	186
210 D/44X3	288	195.0	204
210 D/48X3	260	212.0	216
210 D/50X3	254	220.0	224
210 D/52X3	240	232.0	238
210 D/56X3	220	253.0	262
210 D/60X3	200	257.0	272
210 D/64X3	195	289.0	300
210 D/72X3	176	290.0	295
210 D/78X3	157	300.0	310
210 D/92X3	138	423.0	425
210 D/96X3	133	425.0	428
210 D/126X3	94	500.0	525
210 D/128X3	82	511.0	549



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FISHERIES : Twisted Nets



BTR (High Abrasion Resistance Nets)

High generation BTR nets(HDPE material) have inbuilt extra abrasion resistance imparted to it during manufacturing to enhance its life over regular 380D/500D nettings.

Application:

Bottom Trawling

Benefits:

Less mending required
Long trawl Life
Less fish loss

Features:

Abrasion resistance more than 50% higher than regular 380D/500D nettings
Uniform Mesh Size
Better Knot tightness

Specifications

Nomenclature	Approx Dia (mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
BTR 5	1.35	1350	33	40
BTR 6	1.5	1125	36	45
BTR 7	1.6	965	42	50
BTR 8	1.7	840	45	60
BTR 9	1.8	780	55	65
BTR 10	1.9	675	60	80
BTR 12	2	560	70	90
BTR 13	2.1	520	75	100
BTR 14	2.15	480	80	105
BTR 15	2.25	450	95	120
BTR 18	2.5	380	110	140
BTR 20	2.61	335	125	160
BTR 30	3.4	225	185	205



Plateena Twisted

Made from UHMPE yarn, these plateena twisted nettings are best suited for Shrimp fishing, to bring maximum benefits in each voyage.

Application:

Shrimp Trawling

Benefits:

50% diameter reduction than regular PE Twisted
Highest strength to weight ratio
High fuel saving

Features:

Double knotted to prevent slippage
Coating for long life
High strength
Almost 70% weight reduction than PE twisted

Specifications

Size Reference	Approx Dia (mm)	Runnage (m/kg)	Breaking Strength (kgf)	Knot Breaking Strength (kgf)
#1	0.6	10563	17	20
#2	0.7	7126	22	25
#3	0.75	5220	36	38
#4	0.85	3428	52	53
#6	1.0	2640	79	80
#9	1.2	1770	116	118
#12	1.4	1265	130	140
#18	1.65	855	174	191
#27	2.0	580	260	290
#36	2.5	433	350	403



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PURSE SEINE NETS



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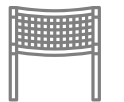
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FISHERIES : Purse Seine Nets



Nylon Braided

Durable netting for demanding Purse-Seine application

Application:

Purse Seine

Benefits:

Long life

Features:

Manufactured from high tenacity nylon yarn

Combination of different treatment for better performance and durability
Better shock absorption and elasticity
Faster sinking

Specifications

Available on demand



Nylon Twisted

Durable netting for demanding Purse-Seine application

Application:

Purse Seine

Benefits:

Long life

Features:

Manufactured from high tenacity nylon yarn

Combination of different treatment for better performance and durability
Better shock absorption and elasticity
Faster sinking

Specifications

Available on demand



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TRAWL ROPES



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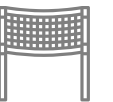
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FISHERIES : Trawl Ropes

X2

X2 is a new generation rope with higher life and strength over conventional PP and Maxima (Danline/Polysteel equivalent) ropes. It is available in both 3 and 4 strands.

Specifications

Diameter (mm)	LD (gram/meter)	Weight Kg/220m	Breaking Strength (kgf)
4	7.3	1.6	391
6	16.8	3.7	863
8	30.0	6.6	1553
10	45.5	10	2358
12	65.9	14.5	3450
14	90.9	20	4800
16	115.9	25.5	5516
18	147.7	32.5	7015
20	181.8	40	8740
22	220.5	48.5	10500
24	259.1	57	12200
26	304.5	67	14400
28	354.5	78	16675
30	390.0	85.8	18500
32	459.1	101	21275
36	586.4	129	26795
40	718.2	158	32200
44	881.8	194	39100
48	1040.9	229	45425

Application:

Trawl Selvedge
Codend Round Straps
Lazie Deckie, Headline
Large mesh Forenet of Pelagic Trawls

Features:

15% High strength than Danline
/Polysteel
3% lower elongation than Danline
/Polysteel

Benefits:

Long life over Danline/Polysteel
Prevents trawl net deformation
due to low elongation



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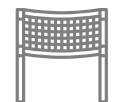
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FISHERIES : Trawl Ropes



Maxima

Maxima 3 strand ropes are produced from blended polymers with special lay for low weight and high strength.

Application:

Trawl Selvage
Codend Round Straps
Lazie Deckie, Headline
Large mesh Forenet of Pelagic Trawls

Benefits:

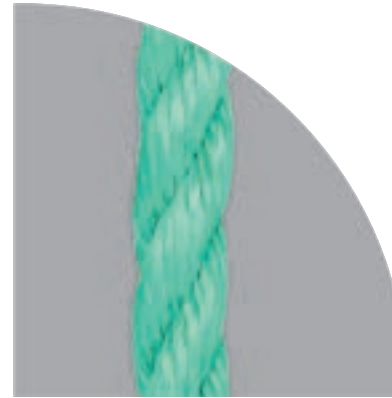
Long life

Features:

Very good abrasion resistance
25% more strength than conventional PP ropes
Floats in water-doesn't absorb water
Low elongation
Highly resistant to acids and alkalies

Specifications

Diameter (mm)	LD (gram/meter)	Weight Kg/220m	Breaking Strength (kgf)
4	7.3	1.6	340
6	16.8	3.7	750
8	30.0	6.6	1350
10	45.5	10	2050
12	65.9	14.5	3000
14	90.9	20	4100
16	115.9	25.5	4800
18	147.7	32.5	6100
20	181.8	40	7600
22	220.5	48.5	9300
24	259.1	57	10500
26	304.5	67	12250
28	354.5	78	14500
30	404.5	89	16500
32	459.1	101	18500
36	586.4	129	23300
40	718.2	158	28000
44	881.8	194	34000
48	1040.9	229	39500



PP

Manufactured from PP Parapro Tape/
PP monofilament with excellent strength

Application:

Trawl Selvage
Codend Round Straps
Pelagic Codend Cover Nets

Benefits:

Good abrasion resistance

Features:

Highly resistant to acids and alkalies
Floats in water-doesn't absorb water
Low elongation

Specifications

Diameter (mm)	LD (gram/meter)	Weight Kg/220m	Breaking Strength (kgf)
4	7.3	1.60	240
6	16.8	3.70	600
8	30.0	6.60	1060
10	45.5	10.00	1560
12	65.9	14.50	2210
14	90.9	20.00	3050
16	115.9	25.50	3770
18	147.7	32.50	4810
20	181.8	40.00	5800
22	220.5	48.50	6960
24	259.1	57.00	8130
26	304.5	67.00	9410
28	354.5	78.00	10700
30	404.5	89.00	12220
32	459.1	101.00	13500
36	586.4	129.00	16930
40	718.2	158.00	20500
44	881.8	194.00	24640
48	1040.9	229.00	28610



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FISHERIES : Trawl Ropes



PE

Available in 3 strands/4 strands, these ropes are made of high density polyethylene.

Application:

Trawling, Gill Nets

Benefits:

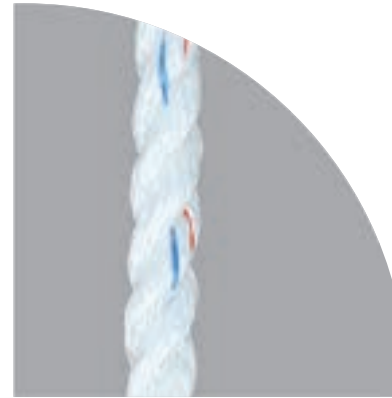
Good flexibility
Softer Feel

Features:

Better gloss
Floats in water
Good abrasion resistance

Specifications

Diameter (mm)	LD (gram/meter)	Weight Kg/220m	Breaking Strength (kgf)
4	8.0	1.76	200
6	18.0	3.96	400
8	33.0	7.26	700
10	49.0	10.78	1090
12	72.0	15.84	1540
14	95.0	20.9	2090
16	128.0	28.16	2800
18	161.0	35.42	3500
20	200.0	44	4300
22	243.0	53.46	5100
24	295.0	64.9	6100
26	328.2	72.2	6930
28	393.0	86.46	8000
30	460.0	101.2	9486
32	525.0	115.5	10710
36	660.0	145.2	13460
40	785.0	172.7	16320
44	950.0	209	24640
48	1150.0	253	22850



Maxiflex

Maxiflex ropes are of composite fiber construction, made up of high tenacity polyester and polypropylene yarn in specific compositions.

Application:

Trawling

Features:

Sinking in water
Controlled elongation

Benefits:

Wet breaking strength higher than nylon as fibers do not absorb moisture
Cost effective and less weight per meter as compared to nylon
Longer life due to high UV

Specifications

Diameter (mm)	LD (gram/meter)	Weight Kg/220m	Breaking Strength (kgf)
4	9.0	1.98	330
6	20.0	4.40	740
8	38.0	8.36	1400
10	55.0	12.10	2080
12	80.0	17.60	3000
14	109.1	24.00	4100
16	140.9	31.00	5300
18	177.3	39.00	6700
20	220.9	48.60	8300
22	268.2	59.00	10000
24	318.2	70.00	12000
26	374.1	82.30	13600
28	436.4	96.00	15800
30	497.3	109.40	17500
32	563.6	124.00	20000
36	713.6	157.00	24900
40	886.4	195.00	30000
44	1081.8	238.00	35800
48	1281.8	282.00	46290



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FISHERIES : Trawl Ropes



Maxibraid

12 Carrier impregnated Nylon Ropes are used in Pelagic Trawls' Forenet for good elongation and strength.

Application:

Large mesh Forenet of Pelagic Trawls

Benefits:

Good life

Features:

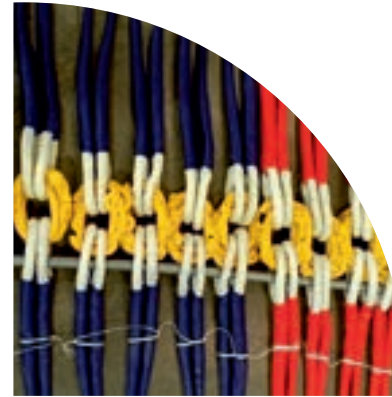
12 Carrier Impregnated Nylon Ropes

Easy to handle and splice

Available in several colors for panel identification

Specifications

Dia. (mm)	LD (gm/mtr)	Runnage (m/kg)	Breaking Strength (kgf)	Breaking Length (meter)
5	23.1	43.29	950	41126
6	33.2	30.12	1400	42169
7	43.5	22.99	1800	41379
8	55	18.18	2400	43636
9	59.2	16.89	2500	42230
10	67	14.93	3000	44776
12	86	11.63	3700	43023
14	108	9.26	5000	46296
16	159	6.29	6800	42767
18	201	4.98	8500	42289
20	258	3.88	10800	41860
22	306	3.27	12800	41830
24	365	2.74	15500	42466



Maxilon

Maxilon ropes are braided with PE in cover and have impregnated 12 carrier nylon ropes in core.

Application:

Large mesh Forenet of Pelagic Trawls

Benefits:

Symmetric forenet-no Skewing

Longer life than Maxibraid

Longer strength retention than Maxibraid

Features:

Very high length accuracy (Tol 0/+1%)

Eyes don't come out at twine break load

Round geometry

No entanglement in shooting and Hauling

Available in several colors for panel identification

Specifications

Dia. (mm)	LD (gm/mtr)	Runnage (m/kg)	Breaking Strength (kgf)	Breaking Length (meter)
6	31	32.3	1250	40404
8	55	18.2	2250	40909
10	71	14.1	2680	37891
12	91	11.0	3090	34106
14	121	8.3	3900	32231
16	153	6.5	5000	32680
18	178	5.6	6225	34972



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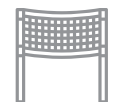
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Orca Ropes

Orca ropes are plateena ropes jacketed with Polyester for better protection and abrasion.

Application:

Lazy Deckie
(Codend Lifting onboard)

Benefits:

Ease in handling due to low weight

Features:

UHMPE/Plateena in core with 2mm Polyester jacket

High Strength to Weight Ratio

Specifications

Dia. (mm)	LD (gm/mtr)	Runnage (m/kg)	Weight kgs / 600 ft	Breaking Strength (kgf)
6+2	51	19.6	9.4	4400
8+2	73	13.6	13.4	6500
10+2	105	9.5	19.3	10000
12+2	163	6.1	29.8	14100
14+2	195	5.1	35.6	18800
16+2	266	3.8	48.7	21700
18+2	364	2.7	66.6	29800
20+2	406	2.5	74.2	38100
22+2	498	2.0	91.2	45900
24+2	580	1.7	106.1	54000
26+2	635.0	1.6	116.2	60000
28+2	662	1.5	121.1	65000
30+2	727	1.4	133.1	73500
32+2	852	1.2	155.9	82500
34+2	948	1.1	173.6	92500
36+2	1060	0.9	194.0	103000

FISHERIES : Trawl Ropes



X2-Crab Rope

Specifically designed for crab fishing, these X2 ropes provide extra life in application.

Application:

Floating / Sinking Crab Line

Benefits:

Ease in coiling

Features:

Hard Lay
Very good abrasion resistance
High Strength to weight ratio

Specifications

	Diameter (mm)	LD (gram/meter)	Breaking Strength (kgf)
(USA Market)-Floating	10	48	1100
	11	71	1700
	12	90	2565
	14	120	3425
(Scotland Market)-Floating	10.5	53	1710
	12.5	75	2470
	14.5	108	3040
	16.5	134	4370
(Scotland Market)-Sinking	10.5	90	1600
	12.5	112	2300
	14.5	158	2850
	16.5	180	4100



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FISHERIES : Trawl Ropes



1S Chaffing Ropes

These 1 Strand Ropes are attached to bottom panel of codend for protection from wear and tear.

Application:

Bottom Trawl Codend

Features:

Multicolor 1S Ropes

Benefits:

Protection from seabed abrasion

Specifications

Available on demand



Hollow Braided Ropes (BHB)

These are Polyethylene hollow (coreless) braided ropes.

Application:

Trawling (to cover Compound ropes in ground gear)

Features:

Flat construction

Benefits:

Easy to handle and wrap around ground rope

Specifications

Available on demand



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FISHERIES : Trawl Ropes

X2 Purse Seine Line Rope

These ropes are made with X2 Fiber in 12 strand construction and are heat stretched, hard laid and compact for better abrasion resistance in Purse line application.

Specifications

Dia. (mm)	LD (gm/mtr)	Weight kgs / 100 ft	Breaking Strength (kgf)
16	154	4.7	4200
18	195	5.95	5400
22	240	7.32	6000
24	275	8.38	7182
28	375	11.43	9776

Application:

Purse Seine

Features:

Hard round & compact in nature

Good abrasion resistance

Controlled Elongation

Higher strength 18% than Maxima PSN rope/Downsizing

Benefits:

Rope Stability

Long life

Non-Rotating, Hockle Free



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