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## SPECIFICATIONS & FEATURES

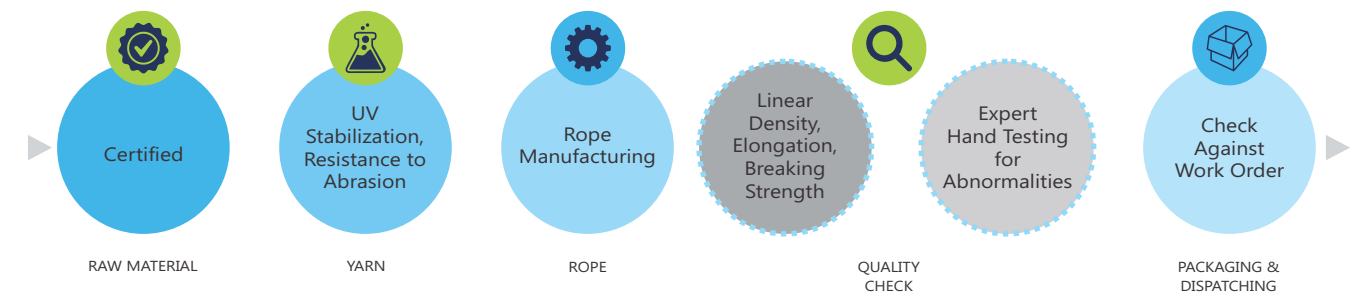


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INDUSTRIAL  
SHIPPING  
AGRICULTURE  
FISHING  
AQUACULTURE  
SPECIAL  
APPLICATIONS

# Quality Promise

To ensure high quality standards, our products are evaluated throughout the manufacturing process.



Made from High Density Polypropylene film.

HIGH STRENGTH PP (FLOATING)  
MANUFACTURED ACCORDING  
TO EN ISO 10572



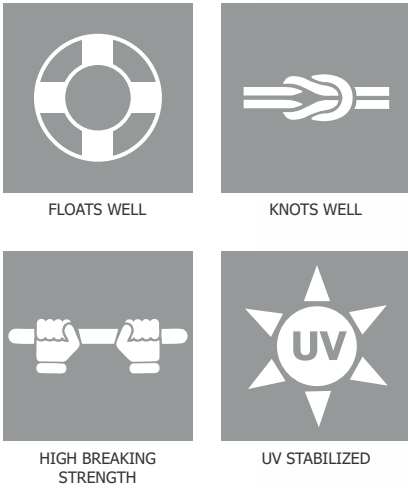
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
3.1/2	28	78	13200	11880
4.0	32	101	16800	15120
4.1/2	36	129	21000	18900
5.0	40	158	25700	23130
5.1/2	44	194	31800	28620
6.0	48	229	36600	32940
6.1/2	52	268	42100	37890
7.0	56	312	52000	46800
7.1/2	60	359	59500	53550
8.0	64	407	67550	60795
8.1/2	68	462	75800	68220
9.0	72	515	84500	76050
1.0	80	638	104000	93600
11.0	88	774	125500	112950
12.0	96	920	148000	133200
13.0	104	1076	173500	156150
14.0	112	1251	201000	180900
15.0	120	1436	230000	207000

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry



Product Highlights





PP/Polyester mixed rope

70% PP / 30% POLYESTER-BUOYANT  
MANUFACTURING ACCORDING  
TO EN ISO 10556



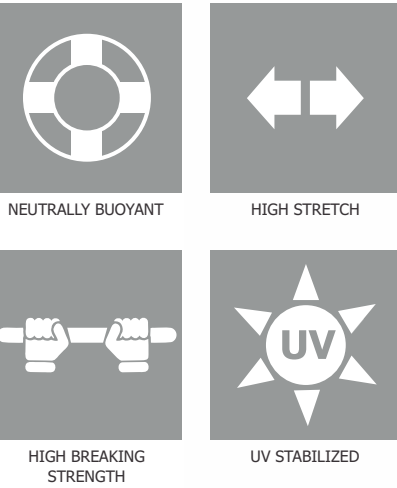
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
3.1/2	28	96	15800	14220
4.0	32	124	20000	18000
4.1/2	36	157	24900	22410
5.0	40	195	30000	27000
5.1/2	44	238	35800	32220
6.0	48	282	46290	41661
6.1/2	52	330	54300	48870
7.0	56	378	62800	56520
7.1/2	60	438	72000	64800
8.0	64	495	82600	74340
8.1/2	68	559	92100	82890
9.0	72	627	102000	91800
1.0	80	775	125500	112950
11.0	88	1100	156000	140400
12.0	96	1315	185000	166500
13.0	104	1540	216000	194400
14.0	112	1790	250000	225000
15.0	120	2050	286000	257400

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry



Product Highlights



Nylon Ropes

100% NYLON  
MANUFACTURING ACCORDING  
TO EN ISO 1140



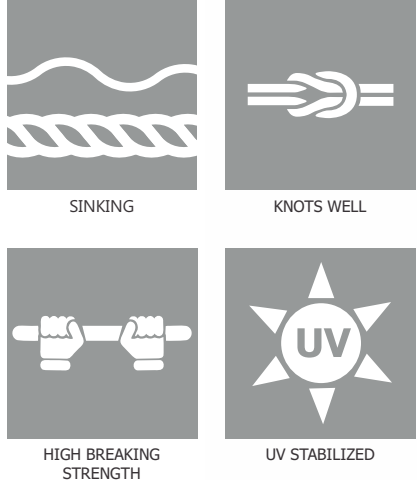
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
3.1/2	28	106	15800	14220
4.0	32	138	20000	18000
4.1/2	36	176	24900	22410
5.0	40	217	30000	27000
5.1/2	44	264	35800	32220
6.0	48	312	42000	37800
6.1/2	52	365	48800	43920
7.0	56	424	56000	50400
7.1/2	60	486	63800	57420
8.0	64	554	72000	64800
8.1/2	68	625	80950	72855
9.0	72	701	89900	80910
1.0	80	866	109800	98820
11.0	88	1049	130800	117720
12.0	96	1249	153900	138510
13.0	104	1465	182140	163926
14.0	112	1698	210200	189180
15.0	120	1951	240200	216180

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry



Product Highlights





PP/Polyester mixed rope

85% PP / 15% POLYESTER (FLOATING)  
MANUFACTURING ACCORDING  
TO EN ISO 10556



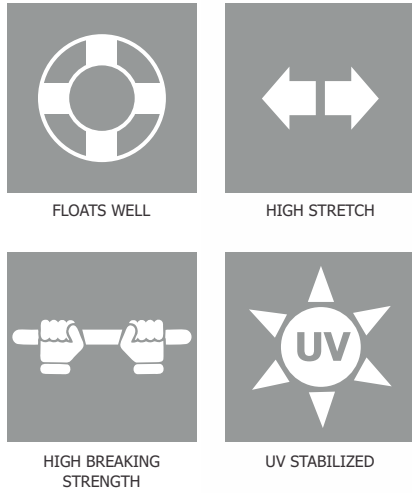
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
3.1/2	28	85	13400	12060
4.0	32	111	17500	15750
4.1/2	36	141	23500	21150
5.0	40	174	28500	25650
5.1/2	44	212	36600	32940
6.0	48	252	43600	39240
6.1/2	52	295	50600	45540
7.0	56	343	58100	52290
7.1/2	60	395	66100	59490
8.0	64	448	74600	67140
8.1/2	68	505	83700	75330
9.0	72	566	90000	81000
1.0	80	701	114000	102600
11.0	88	850	138000	124200
12.0	96	1007	163000	146700
13.0	104	1189	190000	171000
14.0	112	1380	220000	198000
15.0	120	1584	252000	226800

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry



Product Highlights



Nylon Ropes

100% NYLON  
MANUFACTURING AND ACCORDING  
TO EN ISO 1140



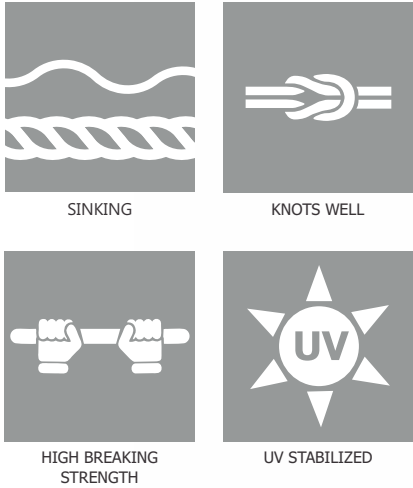
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
5/16"	8	8.80	1390	1251
3/8"	10	13.64	2130	1917
1/2"	12	19.58	3040	2736
9/16"	14	26.84	4180	3762
5/8"	16	34.76	5380	4842
3/4"	18	44.00	6880	6192
13/16"	20	53.90	8450	7605
1"	24	78.10	12000	10800
1-1/8"	28	106.70	15800	14220
1-5/16"	32	138.60	20000	18000
1-7/16"	36	176.00	24900	22410
1-5/8"	40	217.80	30000	27000
2"	48	312.40	42000	37800
2-1/4"	56	424.60	56000	50400
2-3/8"	60	486.20	63800	57420
2-1/2"	64	553.50	72000	64800
2-7/8"	72	700.50	89900	80910
3-5/32"	80	864.80	109800	98820
3-7/16"	88	1046.50	130800	117720
3-13/16"	96	1245.40	153900	138510

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry



Product Highlights





PP/Polyester mixed rope

70% PP / 30% POLYESTER-BUOYANT  
MANUFACTURING ACCORDING  
TO EN ISO 10556



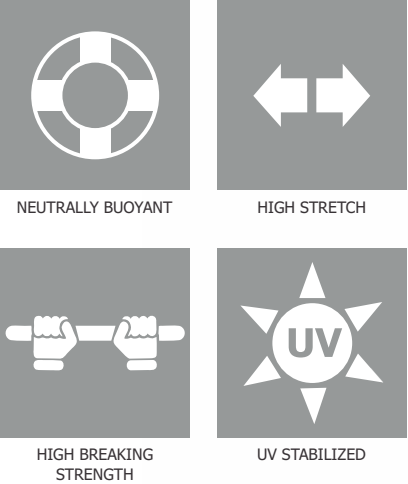
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
5/16"	8	8.36	1330	1197
3/8"	10	12.10	1980	1782
1/2"	12	17.60	2850	2565
9/16"	14	23.90	3895	3505.5
5/8"	16	31.02	5035	4531.5
3/4"	18	39.16	6365	5728.5
13/16"	20	48.62	7885	7096.5
1"	24	70.18	12000	10800
1-1/8"	28	95.48	15800	14220
1-5/16"	32	124.30	20000	18000
1-7/16"	36	157.00	24900	22410
1-5/8"	40	194.48	30000	27000
2"	48	281.00	46290	41661
2-1/4"	56	378.40	62800	56520
2-3/8"	60	437.80	72000	64800
2-1/2"	64	495.00	82600	74340
2-7/8"	72	627.00	102000	91800
3-5/32"	80	775.00	125500	112950
3-7/16"	88	1100.00	156000	140400
3-13/16"	96	1315.00	185000	166500

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry



Product Highlights





Made from High Density Polypropylene film.

HIGH STRENGTH PP (FLOATING)  
MANUFACTURING ACCORDING  
TO EN ISO 10572



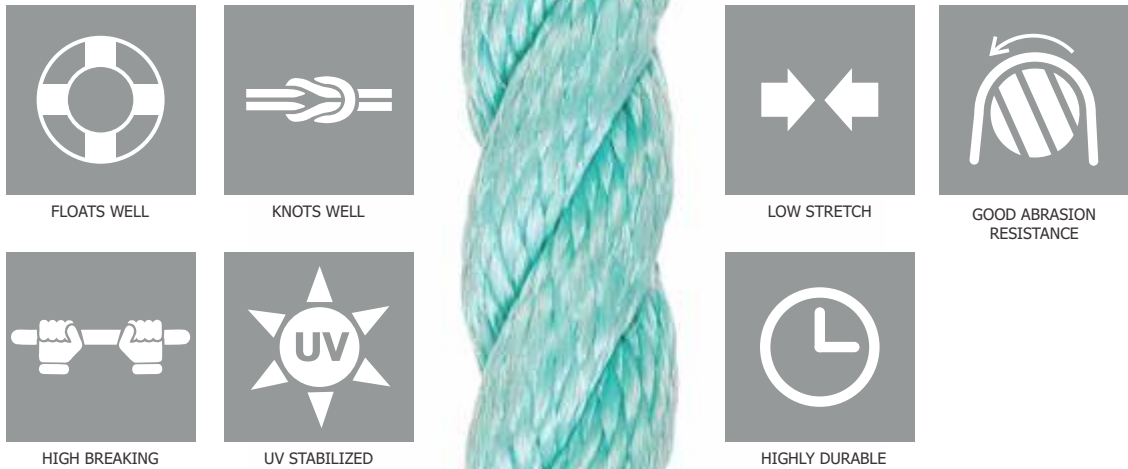
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
5/16"	8	6.60	1200	1080
3/8"	10	10.00	1800	1620
1/2"	12	14.40	2700	2430
9/16"	14	19.80	3600	3240
5/8"	16	25.60	4500	4050
3/4"	18	32.50	5800	5220
13/16"	20	40.00	6900	6210
1"	24	57.50	9900	8910
1-1/8"	28	78.40	13200	11880
1-5/16"	32	102.00	16800	15120
1-7/16"	36	128.70	20600	18540
1-5/8"	40	158.40	25700	23130
2"	48	228.80	36600	32940
2-1/4"	56	312.40	52000	46800
2-3/8"	60	358.60	59500	53550
2-1/2"	64	407.00	67550	60795
2-7/8"	72	515.00	84500	76050
3-5/32"	80	638.00	104000	93600
3-7/16"	88	774.00	125500	112950
3-13/16"	96	920.00	148000	133200

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry

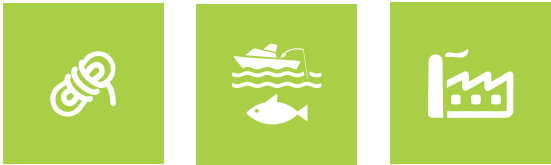


Product Highlights





Best for the Industry

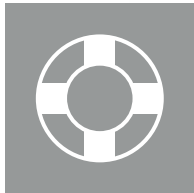


Rope Size (DIA)		WEIGHT				Breaking force	
MM	INCH	LBS/ 100 FT	LBS/ 600FT	KG/ 100 FT	KG/ 100 MTR	LBS	KGF
4	3/16	0.5	3	0.23	0.75	529	240.5
6	1/4	1.14	6.84	0.52	1.70	1499	681.4
8	5/16	2.02	12.12	0.92	3.01	2646	1202.7
10	3/8	3.05	18.3	1.39	4.55	3968	1803.6
12	1/2	4.43	26.58	2.01	6.60	5952	2705.5
14	9/16	6.05	36.3	2.75	9.02	7937	3607.7
16	5/8	7.79	46.74	3.54	11.61	9921	4509.5
18	3/4	9.95	59.7	4.52	14.83	12787	5812.3
20	13/16	12.1	72.6	5.50	18.04	15212	6914.5
22	7/8	14.78	88.68	6.72	22.04	18519	8417.7
24	1	17.47	104.82	7.94	26.05	21829	9922.3
28	1-1/8	23.85	143.1	10.84	35.56	29101	13227.7
32	1-5/16	30.91	185.46	14.05	46.08	37038	16835.5
36	1-1/2	39.31	235.86	17.87	58.61	45415	20643.2
40	1-5/8	48.38	290.28	21.99	72.13	56659	25754.1
48	2	69.88	419.28	31.76	104.18	80689	36676.8
56	2-1/4	95.42	572.52	43.37	142.26	114640	52109.1
60	2-1/2	109.53	657.18	49.79	163.30	131175	59625.0

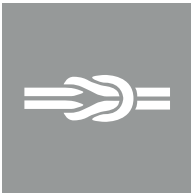
Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.



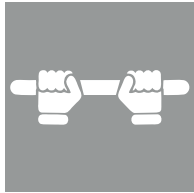
Product Highlights



FLOATS WELL



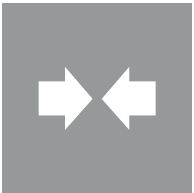
KNOTS WELL



HIGH BREAKING  
STRENGTH



UV STABILIZED



LOW STRETCH



GOOD ABRASION  
RESISTANCE



HIGHLY DURABLE



Polyester Ropes

100% POLYESTER  
MANUFACTURING ACCORDING  
TO EN ISO 1141



			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
5/16"	8	10.56	1020	918
3/8"	10	16.72	1600	1440
1/2"	12	24.20	2300	2070
9/16"	14	32.56	3200	2880
5/8"	16	42.90	4100	3690
3/4"	18	53.90	5100	4590
13/16"	20	67.10	6300	5670
1"	24	96.14	9100	8190
1-1/8"	28	130.68	12200	10980
1-5/16"	32	171.16	15700	14130
1-7/16"	36	216.04	19400	17460
1-5/8"	40	267.30	24000	21600
2"	48	385.00	33500	30150
2-1/4"	56	523.60	44800	40320
2-3/8"	60	600.60	49800	44820
2-1/2"	64	682.67	72000	64800
2-7/8"	72	864.00	89900	80910
3-5/32"	80	1066.67	109800	98820
3-7/16"	88	1290.67	130800	117720
3-13/16"	96	1536.00	153900	138510

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry



Product Highlights



PP/Polyester mixed rope

MANUFACTURING ACCORDING  
TO EN ISO 10556

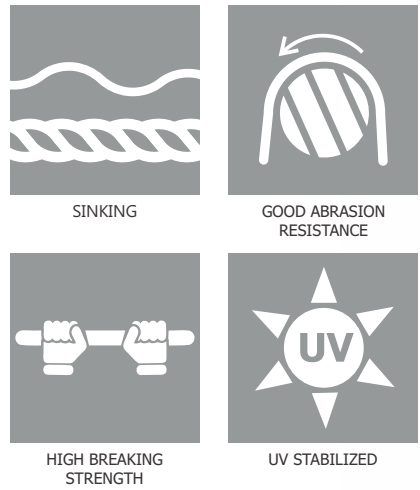
			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
5/16"	8	9.46	1480	1332
3/8"	10	14.03	2300	2070
1/2"	12	20.32	3300	2970
9/16"	14	27.45	4460	4014
5/8"	16	35.94	5830	5247
3/4"	18	45.36	7380	6642
13/16"	20	55.83	9055	8149.5
1"	24	80.56	13800	12420
1-1/8"	28	109.64	18150	16335
1-5/16"	32	143.17	23000	20700
1-7/16"	36	181.10	28700	25830
1-5/8"	40	223.74	34500	31050
2"	48	322.52	53000	47700
2-1/4"	56	439.12	72900	65610
2-3/8"	60	503.80	82900	74610
2-1/2	64	573.27	92700	83430
2-7/8	72	725.54	118000	106200
3-5/32	80	895.73	145100	130590
3-7/16	88	1093.83	153100	137790
3-13/16	96	1289.85	181400	163260

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Best for the Industry

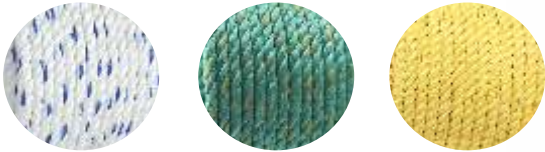


Product Highlights

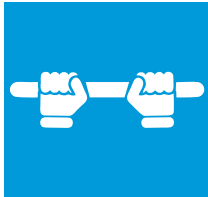




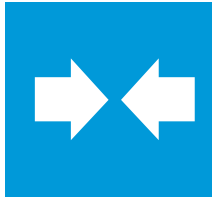
Colours & Combinations



Highlights



HIGH STRENGTH  
BETTER SAFETY



MINIMUM  
ELONGATION



GOOD ABRASION  
RESISTANCE



HIGHLY  
DURABLE



BETTER RIP



LIGHT IN WEIGHT

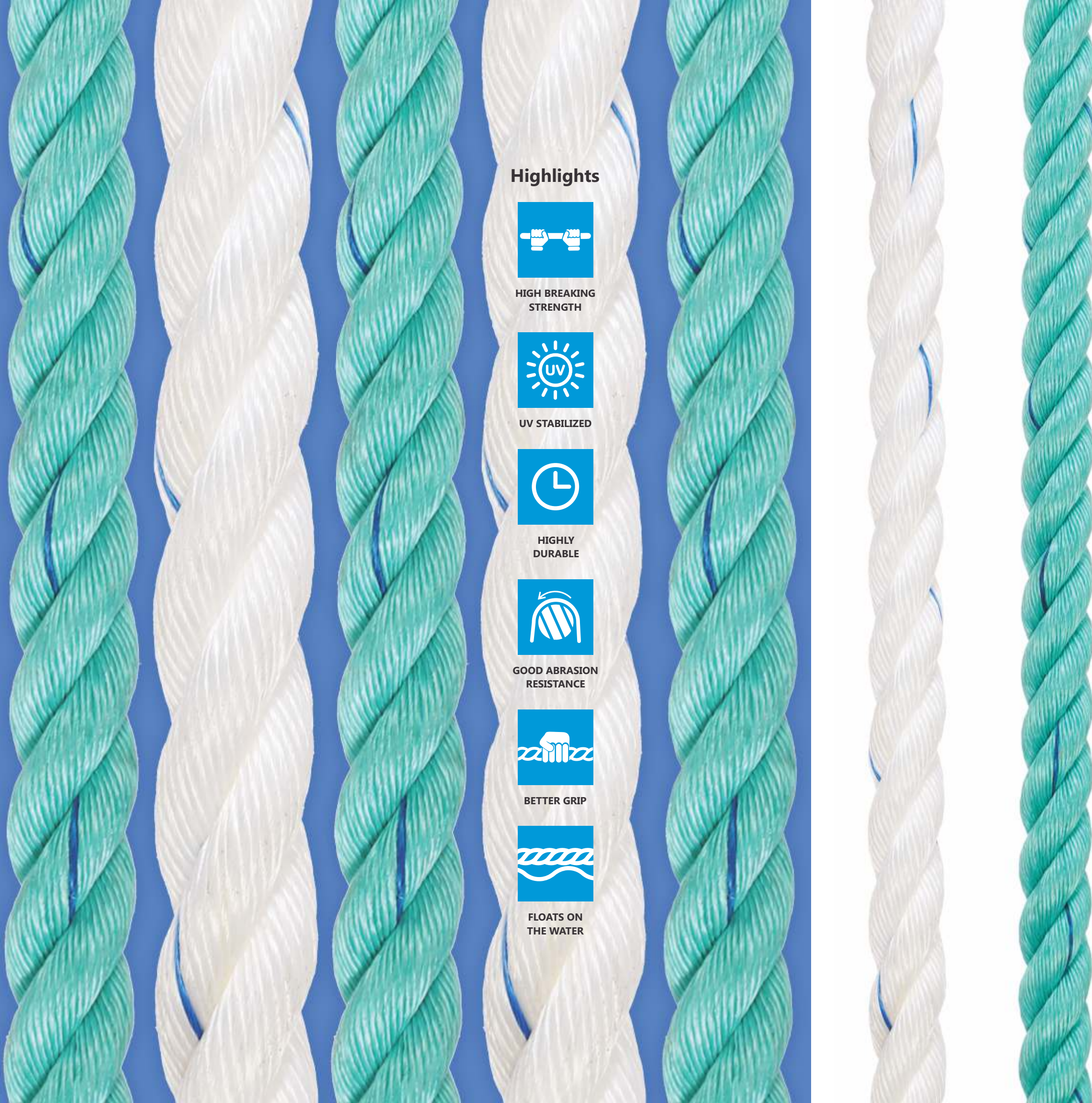
PP Rope Specifications

Size Dia.( mm)	Dia.(inch)	Circm. (inch)	Weight 220 Mtrs. in Kgs	Runnage in Mtrs./kg
4	5/32	1/2	1.63	135.00
6	1/4	3/4	3.67	60.00
8	5/16	1	6.60	33.30
10	3/8	1.1/4	10.00	22.00
12	1/2	1.1/2	14.00	15.20
14	9/16	1.3/4	20.00	11.00
16	5/8	2	25.50	8.60
18	3/4	2.1/4	32.50	6.80
20	13/16	2.1/2	40.00	5.50
22	7/8	2.3/4	48.50	4.50
24	1	3	57.00	3.90
28	1.1/8	3.1/2	78.00	2.80
30	1.1/4	3.3/4	89.00	2.40
32	1.5/16	4	101.00	2.20

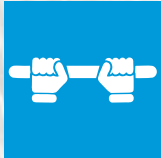
Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.







Highlights



HIGH BREAKING  
STRENGTH



UV STABILIZED



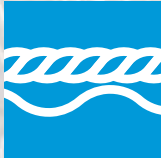
HIGHLY  
DURABLE



GOOD ABRASION  
RESISTANCE



BETTER GRIP





FLOATS ON  
THE WATER

MEGA

3 STRAND ROPE

Specifications

			TECHPLUS High Tenacity PP Rope	
Rope Size			Weight	Breaking Strength
Dia (MM)	Dia (Inch)	Circm (Inch)	Kgs/ 220 M	Kgf
24	1"	3"	57.20	10000
30	1-1/4"	3-3/4"	92.95	15550
36	1-7/16"	4-1/2"	128.70	21100
48	2"	6"	228.80	37500
52	2-5/32"	6-1/2"	270.65	45300
56	2-5/16"	7"	312.50	53100
64	2-5/8"	8"	407.00	68700
68	2-13/16"	8-1/2"	461.00	77100
72	3"	9"	515.00	85500
80	3-5/16"	10'	640.00	104000
88	3-5/8"	11"	777.05	122600
96	4"	12"	920.2	150200

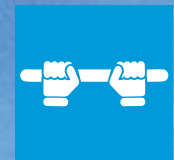
			TECHFLEX PP/Polyester Mixed Rope	
Rope Size			Weight	Breaking Strength
Dia (MM)	Dia (Inch)	Circm (Inch)	Kgs/ 220 M	Kgf
24	1"	3"	83.80	9380
30	1-1/4"	3-3/4"	137.40	14600
36	1-7/16"	4-1/2"	191.00	19820
48	2"	6"	276.70	34585
52	2-5/32"	6-1/2"	318.55	41042.5
56	2-5/16"	7"	360.40	47500
64	2-5/8"	8"	480.80	61500
68	2-13/16"	8-1/2"	538.40	69250
72	3"	9"	596.00	77000
80	3-5/16"	10'	720.00	110400
88	3-5/8"	11"	870.00	130000
96	4"	12"	1,007.00	160300

- Note :
- Weight is subject to a +/-5% variation.
  - All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.
  - Minimum breaking force should never be the safe working load of the rope.





Highlights



HIGH BREAKING  
STRENGTH



UV STABILIZED



HIGHLY DURABLE



GOOD ABRASION  
RESISTANCE



KOHINOOR 3 STRAND PP INDUSTRIAL ROPES  
IS 5175 – 2015

Manufactured to IS 5175 Standards, Kohinoor 3 Strand PP IR Ropes are designed for multiple industrial applications. Kohinoor IR ropes deliver in the most trying conditions and handle heavy loads in manufacturing and transmission sectors.

Features

- Made from High Density Polypropylene split film.
- Resistance to rot, mildew and marine organisms.
- Unaffected by acids and alkalies.
- Light weight.
- Controlled elongation.

Specifications

Size Dia. ( mm )	Dia.(inch)	Circm. (inch)	Weight 220 Mtrs. in Kgs	Breaking Strength (Kgf)	Runnage in Mtrs./kg
4	5/32	1/2	1.63	214	135.00
6	1/4	3/4	3.67	602	60.00
8	5/16	1	6.60	1060	33.30
10	3/8	1.1/4	10.00	1560	22.00
12	1/2	1.1/2	14.00	2210	15.20
14	9/16	1.3/4	20.00	3050	11.00
16	5/8	2	25.50	3770	8.60
18	3/4	2.1/4	32.50	4810	6.80
20	13/16	2.1/2	40.00	5800	5.50
22	7/8	2.3/4	48.50	6960	4.50
24	1	3	57.00	8130	3.90
28	1.1/8	3.1/2	78.00	10700	2.80
30	1.1/4	3.3/4	89.00	12220	2.40
32	1.5/16	4	101.00	13500	2.20
36	1.7/16	4.1/2	129.00	16930	1.70
40	1.5/8	5	158.00	20500	1.40
44	1.3/4	5.1/2	194.00	24640	1.13
48	2	6	229.00	28610	0.96

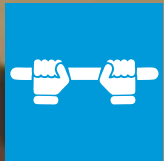
**Tolerance :**  
4 mm to 8 mm : +/-10 %  
10 mm to 14 mm : + / - 8 %  
16 mm & above : +/- 5 %  
COIL LENGTH : 220mtr / 330mtr / 500mtr / Long length available on request.  
COLOUR : YELLOW / WHITE / LONA GREEN.

**Note :**  
The information provided is restricted to 3- strand \  
rope in standard length. Soft and hard laid are available  
to suit customer's requirement.





Highlights



HIGH BREAKING  
STRENGTH



UV STABILIZED



HIGHLY DURABLE



CUSTOMISED

# CARGO NETS

## Made From Polypropylene Fiber

Rope Cargo Nets are used to load and unload cargo. Corners of a cargo net are drawn around the load and gathered at an appropriate point to ensure secure and balanced lifting. These nets can be used for a variety of lifting applications.

## Specifications

Size (Mtr)	Mesh Size	Mesh Rope	Rim Rope
2.5 x 2.5	150 SQMM	12 MM	16 MM
2.5 x 2.5	200 SQMM	12 MM	18 MM
2.5 x 2.5	200 SQMM	14 MM	24 MM
2.5 x 2.5	200 SQMM	18 MM	24 MM
3 x 3	100 SQMM	10 MM	12 MM
3 x 3	125 SQMM	12 MM	16 MM
3 x 3	300 SQMM	12 MM	16 MM
3 x 3	200 SQMM	12 MM	18 MM
3 x 3	200 SQMM	14 MM	24 MM
3 x 3	200 SQMM	18 MM	24 MM
3 x 3	200 SQMM	20 MM	28 MM
3 x 3	225 SQMM	20 MM	28 MM
3.6 x 3.6	125 SQMM	12 MM	16 MM
3.6 x 3.6	150 SQ MM	12 MM	16 MM
3.6 x 3.6	200 SQMM	12 MM	16 MM
3.6 x 3.6	225 SQMM	20 MM	28 MM
4 x 4	150 SQ MM	12 MM	16 MM
4 x 4	300 SQMM	12 MM	16 MM
4 x 4	200 SQMM	12 MM	18 MM
4 x 4	200 SQMM	14 MM	24 MM

## Features

- Heavy Duty
- Long Lasting
- UV Stabilised
- Customized

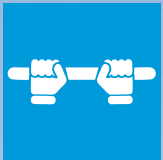
**Note :**

- Weight is subject to a +/-5% variation.
- All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.
- Minimum breaking force should never be the safe working load of the rope.





Highlights



HIGH BREAKING  
STRENGTH



UV STABILIZED



HIGHLY  
DURABLE



GOOD ABRASION  
RESISTANCE

PP IRTECH  
ROPE SLINGS



Features of PP Rope Slings

- Premium grade fibrillated split film rope.
- High UV Resistance.
- Cost effective, Light Weight.
- Excellent Abrasion resistance.
- Adequate Breaking strength.
- Rope used is confirming to IS5175:1992.



Recomended safe working load for PP Rope Sling

Diameter of Rope	For Straight Pull Use		For Basket Hitch Parallel	
	With 2 Sling (KGF)	With 4 Sling (KGF)	With 2 Sling (KGF)	With 4 Sling (KGF)
12	492	984	984	1968
14	750	1500	1500	3000
16	1006	2012	2012	4024
18	1374	2748	2748	5496
20	1758	3516	3516	7032
22	2220	4440	4440	8880
24	2710	5420	5420	10840
26	3262	6524	6524	13048
28	3842	7684	7684	15368
30	4518	9036	9036	18072
32	5142	10284	10284	20568
36	6772	13544	13544	27088
40	8546	17092	17092	34184

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.





HIGH STRENGTH  
UV STABILIZED  
DURABLE

PP TECH  
BALER TWINE

Features of PP Baler Twine

- Premium grade fibrillated film.
- Long Lasting- Stabilized for exposure to ultra-Violet rays.
- Excellent Abrasion resistance.
- Knotless packaging.
- Easy to handle.

Application

Sugar Industry  
Agriculture  
General Purpose  
Industrial Use



Specifications

Denier	Runnage (mtr/kg)	Breaking Strength (kgf)
18000	500	86
20000	450	96
24000	375	115

Tolerance :+ \_ 8%    Packaging Weight: Approx.4-5Kg/Spool    Colour: Yellow, White or as per requirement    Package: Cross wound core less packaging



Key Features



LIGHT WEIGHT



DOESN'T ABSORB  
MOISTURE



RETAINS SAME  
STRENGTH WHEN WET



VERY STRONG



NON CONDUCTOR  
OF ELECTRICITY

PROTECH  
BRAID ON BRAID

Specially Designed Braided on Braided  
High Strength ropes for Electric Power industry

Mixed Polyolefin Fibre Rope, Manufacturing according  
to ISO 10572:2009

Benefit of Protech BOB

Compact as nylon BOB.  
Protech is bad conductor of electricity  
Does not absorb moisture.  
Controlled Elongation.  
Excellent Shock Absorption.

Feature:

- High Breaking strength
- Abrasion Resistance
- Floating
- UV Stabilized
- Remain Same strength when wet
- Low Stretch

Specifications

Dia.(MM)	Weight of 1000 mtr in (kg)	RUNNAGE	Breaking Strength(Kgf)
16	135	7.4	5600
18	170	5.9	6500
20	210	4.7	8500
22	250	4.0	10000
24	300	3.3	12000

- Note :
- Weight is subject to a +/-5% variation.
  - All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.
  - Minimum breaking force should never be the safe working load of the rope.



Mixed Polyolefin  
Fibre Rope.

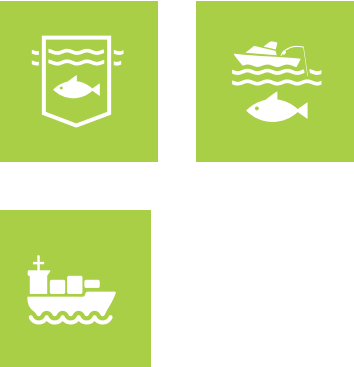
MANUFACTURING ACCORDING  
TO ISO 10572:2009



			Breaking Strength (Kgf)	
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
3.1/2	28	78	18370	16533
4	32	102	23980	21582
4.1/2	36	129	29865	26879
5	40	159	36245	32621
5.1/2	44	193	43395	39056
6	48	229	50820	45738
6.1/2	52	269	58685	52817
7	56	312	66825	60143
7.1/2	60	358	76285	68657
8	64	407	86900	78210
8.1/2	68	460	98120	88308
9	72	515	108680	97812
1	80	636	133430	120087
11	88	770	160270	144243
12	96	915	190410	171369
13	104	1076	223190	200871
14	112	1247	257950	232155
15	120	1432	268300	241470

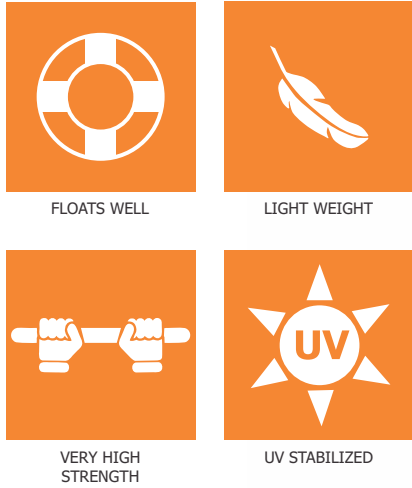
Note: Weight is subject to a +/-5% variation.  
 All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
 Minimum breaking force should never be the safe working load of the rope.

Best for the Indusry



8

Product Highlights



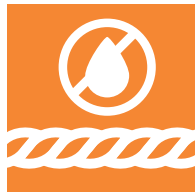




Key Features



LIGHT WEIGHT



DOESN'T ABSORB  
MOISTURE



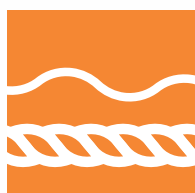
RETAINS SAME  
STRENGTH  
WHEN WET



VERY STRONG

		Breaking Strength (Kgf)		
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
5/16"	8	6.60	1450	1305
3/8"	10	9.90	2190	1971
1/2"	12	14.52	3200	2880
9/16"	14	20.02	4250	3825
5/8"	16	25.52	5400	4860
3/4"	18	32.78	6900	6210
13/16"	20	39.38	8200	7380
1"	24	57.20	11800	10620
1-1/8"	28	78.10	15600	14040
1-5/16"	32	101.20	17500	15750
1-7/16"	36	127.60	24200	21780
1-5/8"	40	157.30	29600	26640
2"	48	288.80	42500	38250
2-1/4"	56	312.40	55400	49860
2-3/8"	60	358.60	62500	56250
2-1/2	64	407.00	71200	64080
2-7/8	72	514.80	89600	80640
3-5/32	80	638.00	110700	99630
3-7/16	88	772.20	133300	119970
3-13/16	96	917.40	158400	142560

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.



SINKING



GOOD ABRASION  
RESISTANCE



UV STABILIZED



HIGH BREAKING  
STRENGTH

		Breaking Strength (Kgf)		
Cir. In Inches	Dia in MM	Wt./coil of 220 Mtr.	Unspliced Rope	Eye Spliced Rope
3.1/2	28	78	16700	15030
4.0	32	102	21800	19620
4.1/2	36	129	27150	24435
5.0	40	159	32950	29655
5.1/2	44	193	39450	35505
6.0	48	229	46200	41580
6.1/2	52	269	53350	48015
7.0	56	312	60750	54675
7.1/2	60	358	69350	62415
8.0	64	407	79000	71100
8.1/2	68	460	89200	80280
9.0	72	515	98800	88920
1.0	80	636	121300	109170
11.0	88	770	145700	131130
12.0	96	915	173100	155790
13.0	104	1076	202900	182610
14.0	112	1247	234500	211050
15.0	120	1432	268300	241470

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.



Key Features



HIGH STRENGTH



LIGHT WEIGHT



BETTER ABRASION  
RESISTANCE



SOFT IN HANDLE

MOUNTAINEERING ROPE / SAFETY ROPE

KOROMOUNT ( POLYAMIDE )

Dia. in (MM)	Weight of 100 Mtr in (Kg)	RUNNAGE (MTRS/KG)	Breaking Strength (Kgf)
6	2.5	40.0	900
8	4.5	22.2	1400
9	5.8	17.2	1700
10	6.7	14.9	2400
10.5	7.2	13.9	2500
11	7.6	13.2	2700
12	8.5	11.8	3200
14	12	8.3	4200
16	15.9	6.3	5000

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

KOROMOUNT ( POLYESTER )

Dia. in (MM)	Weight of 100 Mtr in (Kg)	RUNNAGE (MTRS/KG)	Breaking Strength (Kgf)
6	3	33.3	800
8	5.1	19.6	1400
9	6	16.7	1600
10	7.6	13.2	2275
10.5	8.2	12.2	2350
11	9	11.1	2500
12	11	9.1	3200
14	14.8	6.8	4000
16	20	5.3	4600

Note: Weight is subject to a +/-5% variation.  
All values in the table are as per results confirmed in accordance to test procedures IS 7071, ISO 2307.  
Minimum breaking force should never be the safe working load of the rope.

Quality Promise

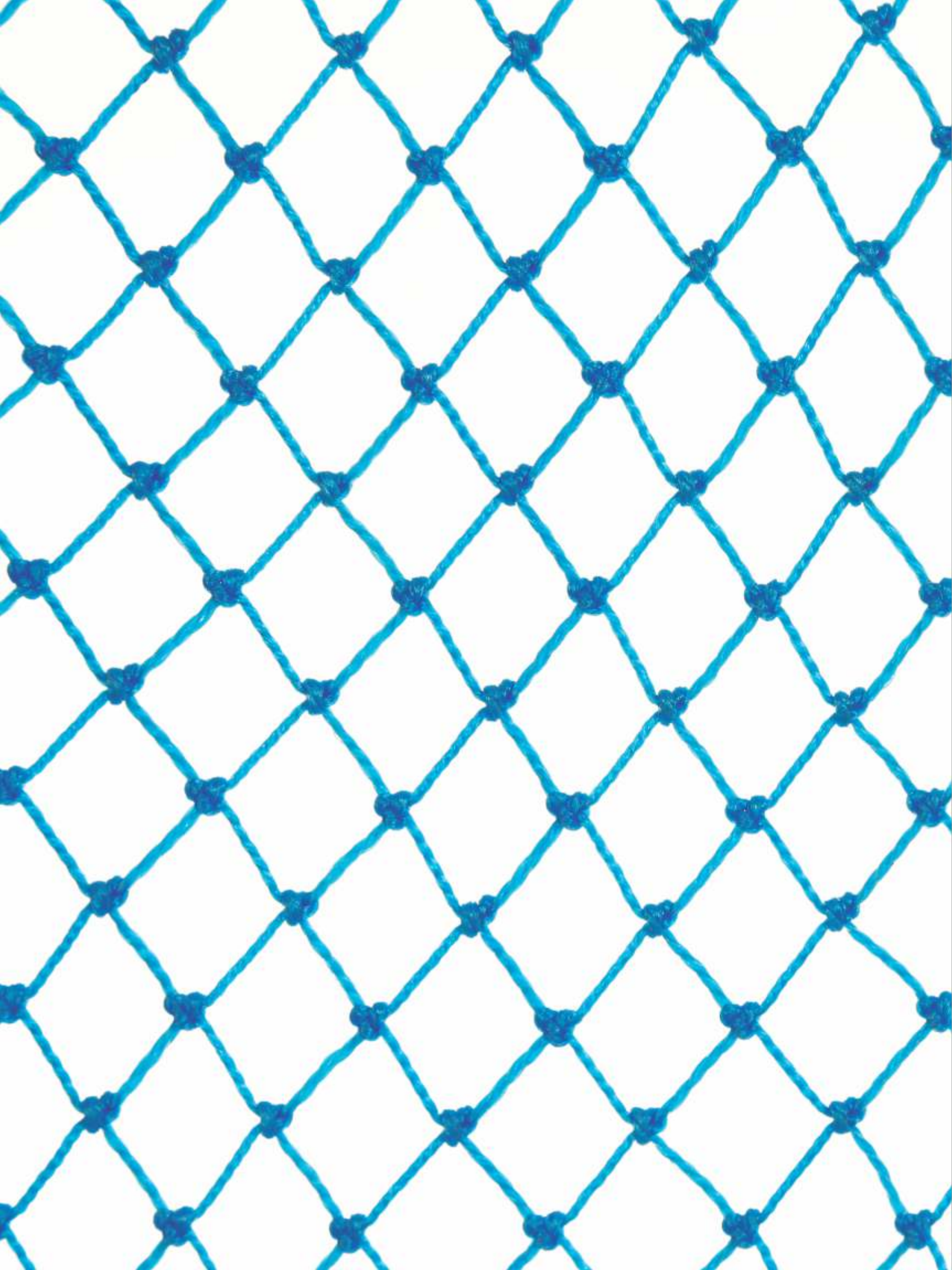


Tested as per UIAA standard  
in UIAA certified lab



Application  
Rappelling  
Static Applications  
& Safety





**VOYAGER<sup>®</sup>**  
HDPE TWISTED TWINE

Denier	Ply	Runnage (Mtr.Kg)	BS (Kgf)
280	6 Ply	5035	6.6
280	9Ply	3320	10
280	12Ply	2460	13.2
280	18Ply	1640	19.4
280	24Ply	1230	25.8
280	27 Ply	1095	28.5
280	36Ply	810	38
280	63 Ply	460	66
280	81 Ply	358	85
280	117Ply	240	123

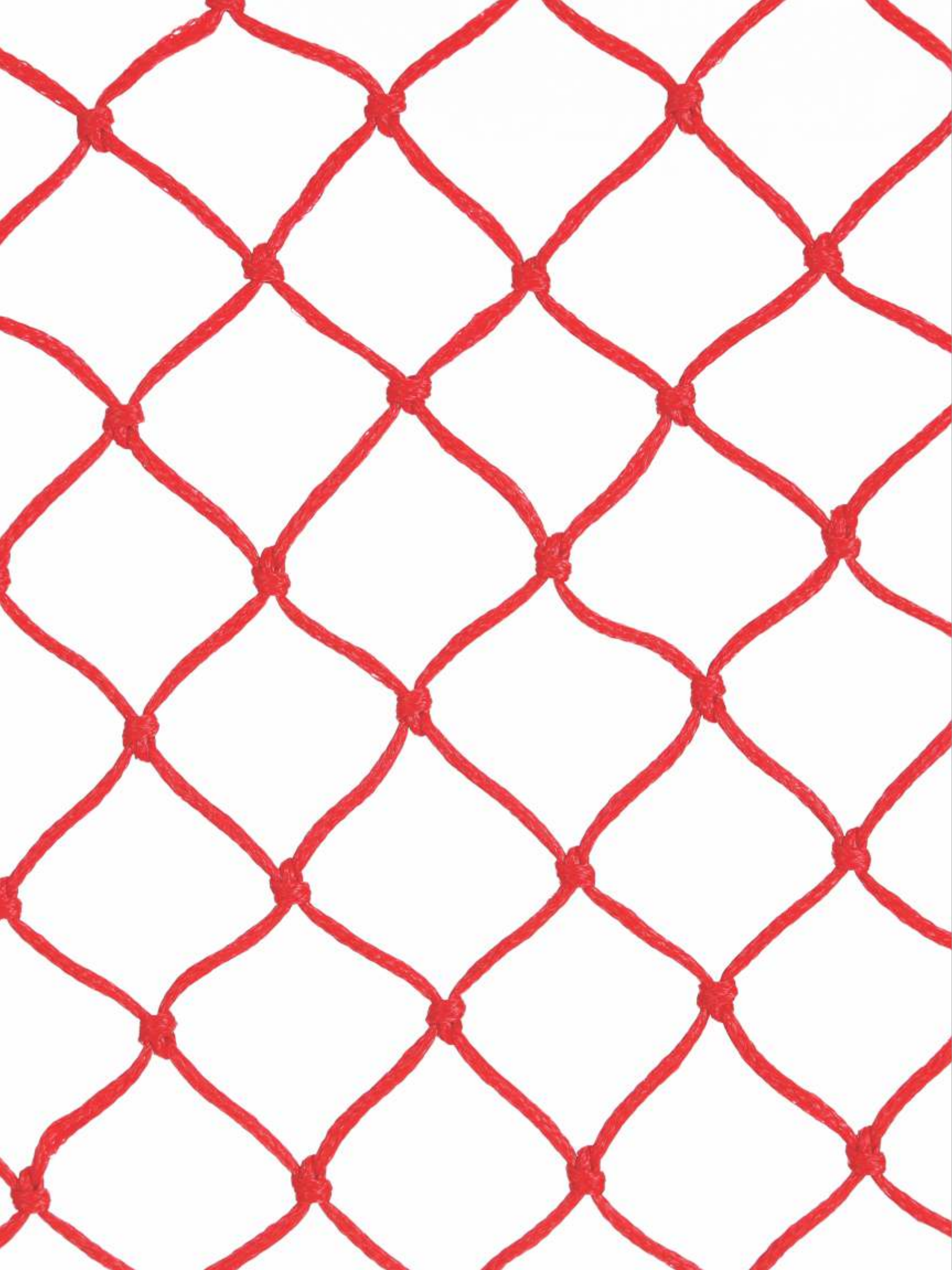
**VOYAGER<sup>®</sup>**  
HDPE TWISTED TWINE

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

**VOYAGER<sup>®</sup> PLUS**  
HDPE TWISTED  
KNOTTED NETTING

Denier	Ply	Runnage (Mtr.Kg)	BS (Kgf)
380	6 Ply	3450	10.7
380	9 Ply	2300	16.1
380	15 Ply	1350	25.8
380	18 Ply	1125	30.5
380	24 Ply	845	40
380	27 Ply	752	44.5
380	36 Ply	675	49
380	60 Ply	337	100
380	90 Ply	225	150
380	108 Ply	110	260





**VOYAGER<sup>®</sup>**  
HDPE BRAIDED  
TWINE- REGULAR

Denier	Dia MM	Runnage (Mtr./Kg)	BS (Kgf)	BL (Mtr)
500	15	715	55	39325
500	2	500	65	32500
500	2.5	405	86	34830
500	3	268	120	32160
500	4	200	170	34200
500	5	125	240	30000
500	6	89	380	33820
500	7	74	420	31080
500	8	58	560	32480

**VOYAGER<sup>®</sup>**  
HIGH TENACITY HDPE  
COMPACT BRAIDED  
TWINE

Denier	Dia MM	Runnage (Mtr./Kg)	BS (Kgf)	BL (Mtr)
500	1.2	820	59	48380
500	1.7	560	80	44800
500	2.1	260	115	29900
500	2.6	155	255	39525
500	3.5	125	355	44375
500	4.2	101	415	41915
500	5	75	544	40800
500	6	59	700	41300
500	6.7	45	800	36000
500	7.2	37	900	33300

**VOYAGER<sup>®</sup> PLUS**  
HDPE BRAIDED  
COMPACT BRAIDED  
TWINE

Denier	Dia MM	Runnage (Mtr./Kg)	BS (Kgf)	BL (Mtr)
500	1.2	800	53	42400
500	2	370	105	38850
500	2.5	287	130	37310
500	3	255	155	39525
500	3.5	190	210	39900
500	4	155	240	37200
500	4.5	110	300	33000
500	5	100	353	35300
500	6	59	625	36875
500	7	48	700	33600



# Customization

We offer customized varieties of colours and designs, Packaging, Customizes nets, Fabricated as per requirement articles. Our products are available in various twisted and braided varieties.



ACCESSERY ASSEMBLY



SPOOL PACKING



PROTECTIVE EYE LOOPS



THIMBLE ASSEMBLING FOR ROPES



HANK PACKING



COIL PACKAGING



ROPE SLINGS



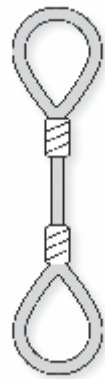
SPOOL PACKING



FISHING NETS ASSEMBLING

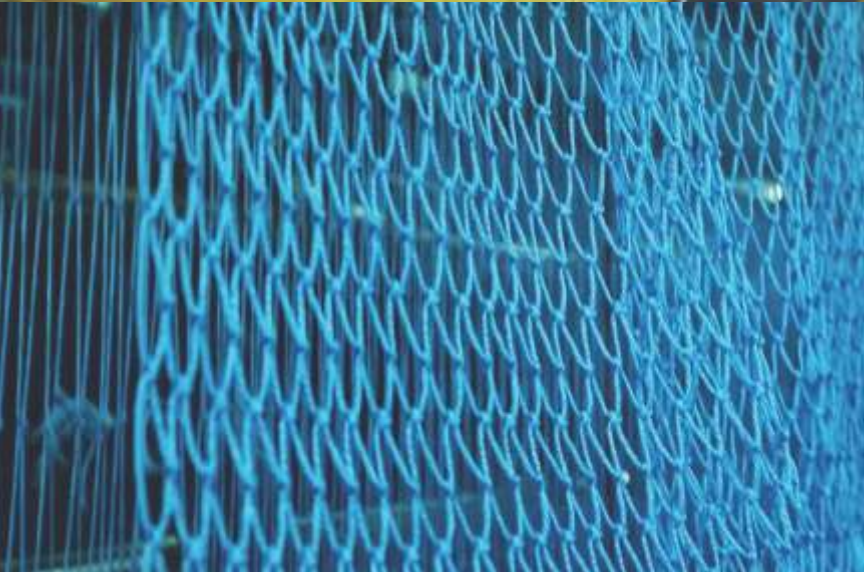


CUSTOMIZE ROPE NETS



MOORING TAIL





We are supported by an experienced design & product development team.

As an ISO 9001:2015 certified company, we have a well established quality management system functioning at every level.

As a company, we strives for continual improvement to ensure customer delight at all times.