

PRODUCT SHEET ROPES

TABmarine

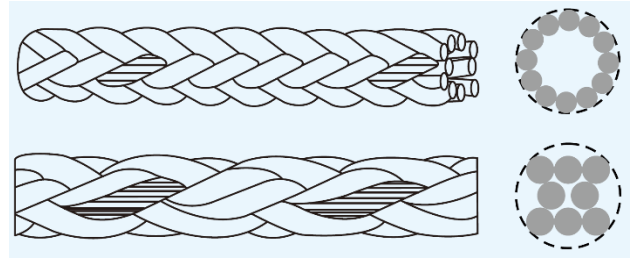
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Ropes

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UHMWPE 8-strand & 12-strand single braided ROPE



- Material: UltraHigh Molecular Weight Polyethylene (UHMWPE)
- Construction: 8 , 12 strand braided
- Application: Fishing, offshore installation, mooring
- Density: 0.95, floating

- Meltpoint: 145°C
- Abrasion Resistance: Excellent
- U.V.resistance: Good
- Working temperature: 70°C max
- Chemical resistance-Excellent
- Dry & Wet performance: Equal

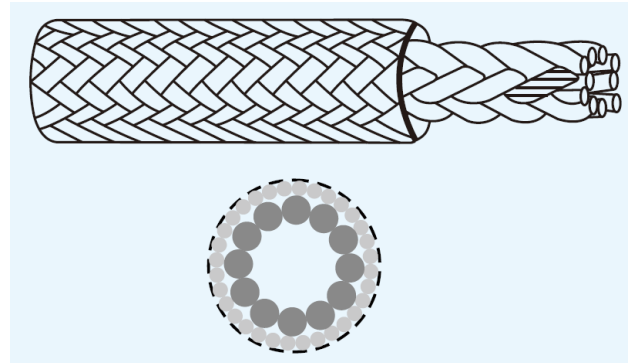
DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
6	2.3	4.3
8	3.7	6.7
10	5.6	9.7
12	7.9	13.3
14	10.6	17.8
16	13.7	22.9
18	17.3	28.8
20	21.2	35.3
22	25.6	42.5
24	30.4	50.3
26	35.7	58.8
28	41.3	67.8
30	47.4	77.5
32	53.9	87.8
34	60.8	98.6
36	68.1	110.0
38	75.9	122.0
40	84.0	135.0
42	92.6	148.0
44	102.0	161.0

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
46	111	176
48	121	190
50	131	205
52	142	221
56	164	254
60	189	289
64	215	326
68	242	364
72	271	404
80	335	488
88	405	578
96	484	673
104	565	790
112	655	916
120	752	1,052
128	855	1,196
136	965	1,351
144	1,080	1,514
152	1,206	1,687

UHMWPE 12-strand core with high-strength polyester jacket ROPE



- Material(core/jacket): UltraHigh Molecular Weight Polyethylene (UHMWPE) / Polyester
- Meltpoint: 150°C / 265°C
- Water Absorption: None
- U.V.resistance: Good

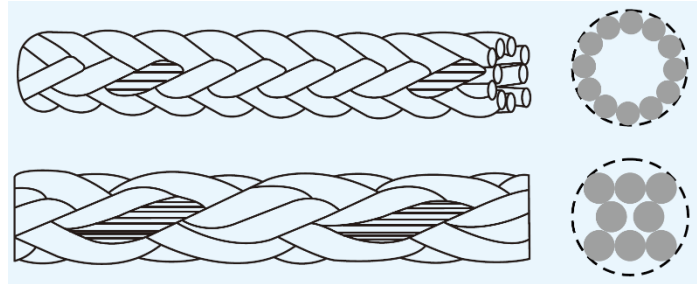


- Abrasion Resistance: Excellent
- Dry & Wet performance: Equal
- Application: Fishing, offshore installation, mooring
- Non-rotating and anti-kinking

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
8	4.2	5
10	6.3	7.4
12	8.9	10.4
14	12	14.2
16	16.7	18.6
18	21.1	23.6
20	26	29.3
22	31	35.5
24	36.9	42.3
26	43.5	49.7
28	50	57.7
30	56.8	66.3
32	64	75.5
34	71.8	85.4
36	78.9	95.7
38	86.1	107
40	94.8	118
42	105	130
44	114	143

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
48	137	169
52	160	197
56	183	227
60	209	259
64	236	293
68	264	329
72	295	366
76	331	404
80	359	445
88	434	529
96	511	619
104	598	715
112	694	814
120	786	918
128	894	1044
136	1010	1179
144	1132	1322
152	1261	1473

UHMWPE 8-strand & 12-strand, each strand is braided with jacket

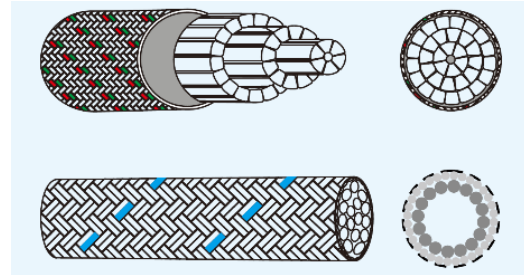


- Material: UltraHigh Molecular Weight Polyethylene (UHMWPE)
- Construction: 8 , 12 strand braided
- Application: Fishing, offshore installation, mooring
- Density: 0.95, floating
- Meltpoint: 145°C
- Abrasion Resistance: Excellent
- U.V.resistance: Good
- Working temperature: 70°C max
- Chemical resistance-Excellent
- Dry & Wet performance: Equal

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
28	43.5	47.1
30	50	54.1
32	56.8	61.6
34	64.2	69.6
36	71.5	78.1
38	80.0	86.9
40	87.5	95.5
42	97.2	105.6
44	107.2	116.3
46	116.8	126.3
48	125.9	135.9
50	138.1	149.5
52	149.8	162.2
56	175.5	189
60	200.8	216.2

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
64	226.6	242.9
68	257.8	277.6
72	289.9	313.1
76	321.5	345.8
80	352.8	379.2
88	423.6	455.6
96	498.5	535.6
104	603.2	628.6
112	699.5	729.1
120	802.9	855.9
128	913.5	972.9
136	1031	1098
144	1156	1231
152	1288	1372

PET OFFSHORE ROPE



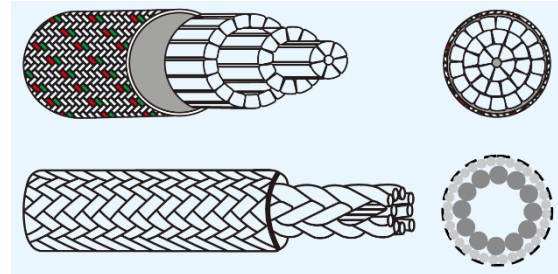
- Material: PET
- Construction: Double braided
- Application: Offshore
- Density: 1.27
- Meltpoint: 260°C

- Abrasion Resistance: Excellent
- U.V.resistance: Good
- Working temperature: 120°C max
- Chemical resistance: Excellent

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
136	1260	538
144	1410	603
156	1630	703
160	1710	740
168	1880	804
178	2110	908
184	2280	970
196	2590	1104
200	2790	1150
208	3020	1303
218	3280	1403

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
224	3480	1502
232	3760	1603
240	3850	1715
246	4210	1804
252	4420	1903
260	4680	2007
272	4960	2197
280	5450	2305
288	5780	2439
296	6110	2576

UHMWPE OFFSHORE ROPE



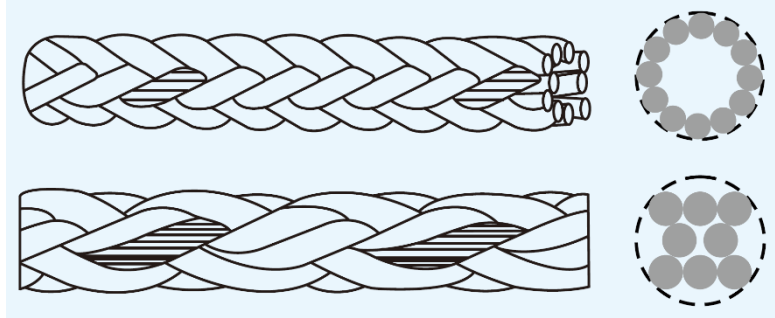
- Material: UHMWPE
- Construction: Double braided
- Application: Offshore
- Density: 0.97
- Meltpoint: 145°C

- Abrasion Resistance: Excellent
- U.V.resistance: Good
- Working temperature: 70°C max
- Chemical resistance-Excellent

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
128	894	1044
136	1010	1179
144	1132	1322
156	1328	1551
160	1397	1632
168	1541	1799
178	1729	2020
184	1848	2158
196	2097	2449
200	2183	2550
208	2361	2758

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
218	2594	3030
224	2739	3199
232	2938	3431
240	3144	3672
246	3303	3858
252	3466	4048
260	3690	4310
272	4038	4716
280	4279	4998
288	4527	5288
296	4782	5586

HIGH TENACITY ROPE

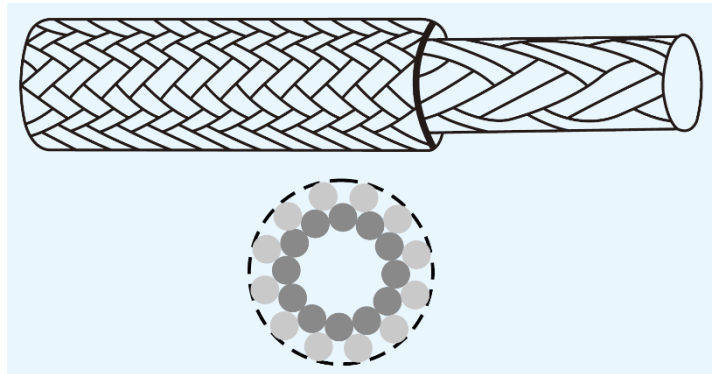


- Material: High tenacity yarn
- Construction: 8 or 12 strand plaited
- Application: Fishing, inland shipping, merchant, navy, industry, mooring, offshore
- Density: 0.92, floating
- Meltpoint: 165°C
- Abrasion Resistance: Medium
- U.V.resistance: Medium
- Working temperature: 70°C max
- Chemical resistance: Good, solvents and strong oxidizer may have a mild effect
- Dry & Wet performance: Equal

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
24	27	9.60
28	37	12.8
32	49	16.24
36	61	20.24
40	75	24.96
44	93	30.24
45	97	31.52
48	109	35.04
50	118	38.08
52	127	40.64
55	143	45.60
56	148	46.80
60	170	53.28
64	193	59.84
65	200	61.60

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
68	219	67.04
70	231	70.96
72	245	75.20
75	266	81.44
80	303	92.80
85	342	104.80
88	367	110.40
90	383	115.20
95	427	128
96	436	130.40
100	473	140.80
104	509	149.60
112	592	172
120	682	196.80

HIGH TENACITY PP and POLYESTER FIBER ROPE

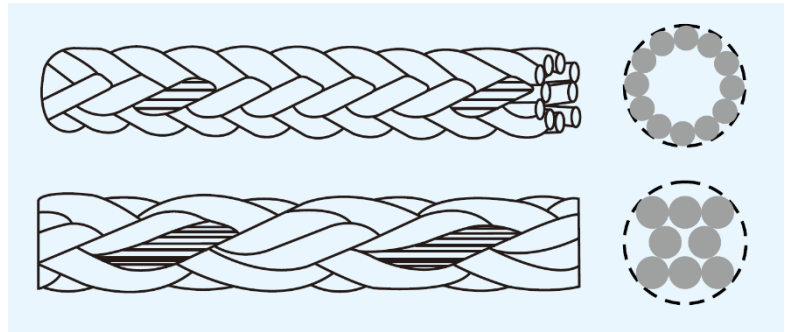


- Material: High tenacity PP and polyester fiber
- Conforming to OCIMF regulation
- Construction: 8, 12, 24, 32, 48 strand plaited
- Application: Fishing, inland shipping, merchant, navy, industry, mooring, offshore
- Density: 0.98, floating
- Meltpoint: 165°C / 260°C
- Abrasion Resistance: Very good
- U.V.resistance: Good
- Working temperature: 70°C max
- Chemical resistance: Good, solvents and strong oxidizer may have a mild effect
- Dry & Wet performance: Equal

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
24	33	13.475
28	45	17.895
32	58	22.961
36	73	28.567
40	90	34.496
44	107	40.964
45	112	43.120
48	129	47.432
52	147	54.978
56	175	63.602

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
60	196	72.226
64	221	80.850
68	249	90.552
72	278	101.332
80	342	122.892
88	412	148.764
96	490	175.714
112	661	128.238
120	759	272.734

HIGH TENACITY YARN and HIGH TENACITY POLYESTER ROPE



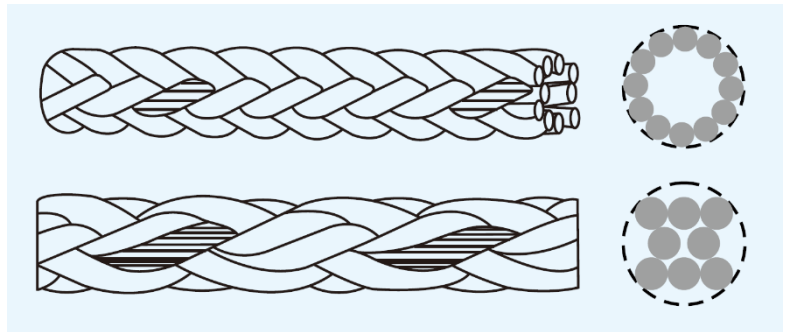
● Material: High tenacity yarn, high tenacity polyester

- Construction: 8 or 12 strand plaited
- Application: Fishing, inland shipping, merchant, navy, industry, mooring, offshore
- Density: 0.94, floating
- Meltpoint: 165°C / 260°C
- Abrasion Resistance: Very good
- U.V.resistance: Good
- Working temperature: 70°C max
- Chemical resistance: Good, solvents and strong oxidizer may have a mild effect
- Dry & Wet performance: Equal

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
24	28.8	11.063
28	39.6	14.691
32	51.2	18.851
36	63.8	23.453
40	78.7	28.320
44	93.7	33.630
48	114	38.940
52	129	45.135
56	154	52.215
60	172	59.295

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
64	194	66.375
68	218	74.340
72	244	93.190
80	300	100.890
88	361	122.130
96	430	144.2555
104	503	168.972
112	580	195.585
120	666	223.905

HIGH TENACITY YARN and HIGH TENACITY POLYESTER ROPE

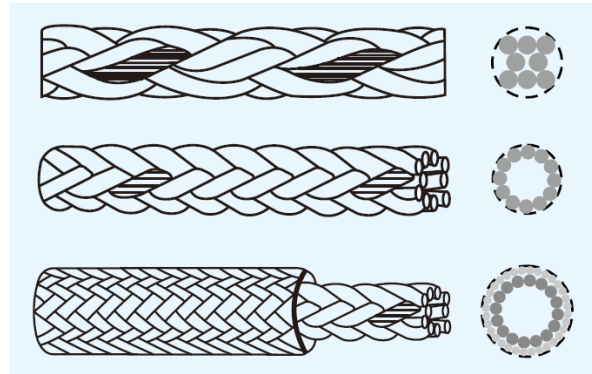


- Material: High tenacity yarn, high tenacity polyester
- Construction: 8 or 12 strand plaited
- Application: Fishing, inland shipping, merchant, navy, industry, mooring, offshore
- Density: 0.99, floating
- Meltpoint: 165°C / 260°C
- Abrasion Resistance: Very good
- U.V.resistance: Good
- Working temperature: 70°C max
- Chemical resistance: Good, solvents and strong oxidizer may have a mild effect
- Dry & Wet performance: Equal

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
24	30.2	12.750
28	14.4	16.932
32	53.6	21.726
36	66.8	27.030
40	82.4	32.640
44	98.1	38.760
48	119	44.880
52	135	52.020
56	161	60.180
60	180	68.340

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
64	203	76.500
68	229	85.680
72	256	95.880
80	314	116.280
88	378	140.760
96	450	166.260
104	525	194.688
112	607	225.420
120	697	258.060

HIGH NYLON ROPE

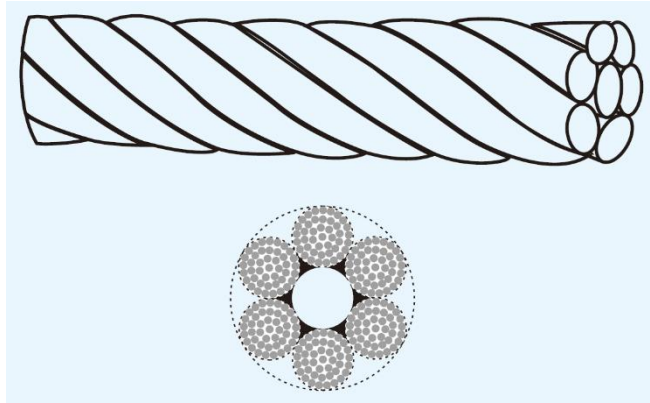


- Material: High nylon
- Conforming to OCIMF regulation
- Construction: 8, 12 double braid
- Application: Fishing, inland shipping, merchant, navy, industry, mooring, marine, offshore
- Density: 1.14

- Meltpoint: 180°C
- Abrasion Resistance: Very good
- U.V.resistance: Good
- Working temperature: 70°C max
- Chemical resistance: Good, solvents and strong oxidizer may have a mild effect
- Dry & Wet performance: Equal

Diameter (mm)	8 Strand		12 Strand		Double braid strand	
	MBL (KN)	Weight per 200 meter (Kg)	MBL (KN)	Weight per 200 meter (Kg)	MBL (KN)	Weight per 200 meter (Kg)
40	353	191	417	200	449	206
45	440	244	519	253	557	261
50	538	302	635	313	679	322
55	647	367	763	378	814	389
60	754	438	890	450	958	463
65	844	506	1040	528	1120	543
70	1020	596	1200	613	1290	630
75	1160	680	1370	703	1490	723
80	1310	770	1540	800	1660	823
85	1480	874	1740	903	1860	929
90	1650	980	1940	1013	2080	1041
95	1800	1092	2120	1128	2300	1160
100	2000	1210	2350	1250	2550	1285

NYLON 6 ROPE

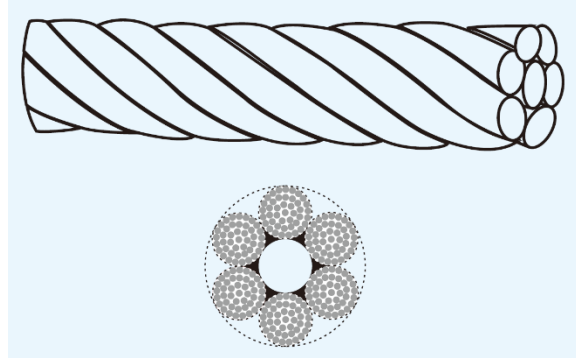


- Material: 100% nylon 6 (mono- and multifilament)
- Construction: 6 strand crosslay
- Application: Marine, winch ropes, mooring ropes, anchor ropes and heavy duty applications
- Density: 1.14
- Meltpoint: 215°C
- Abrasion Resistance: Excellent
- U.V.resistance: Excellent
- Working temperature: 80°C max
- Chemical resistance: Reasonable, acids, oxidizer and solvents will affect the material
- Dry & Wet performance: moisture absorbing

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
36	83.2	26
40	100	31
44	125	42
48	148	50
52	160	54
56	200	66.5
60	217	70
62	235	79
64	245	81

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
68	280	94
70	310	103
72	335	108
78	364	120
80	384	127
84	425	140
88	472	156
90	505	165
96	585	190

100% HIGH TENACITY NYLON 66 ROPE

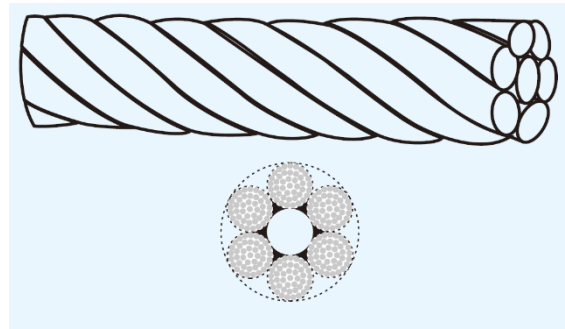


- Material: 100% high tenacity nylon 66 (mono- and multi0filament)
- Construction: 6 strand twist
- Application: Marine, winch ropes, mooring ropes, anchor ropes and heavy duty applications
- Density: 1.14
- Meltpoint: 215°C
- Abrasion Resistance: Excellent
- U.V.resistance: Excellent
- Working temperature: 80°C max
- Chemical resistance: Reasonable, acids, oxidizer and solvents will affect the material
- Dry & Wet performance: can be stowed wet
- MBL: ISO 2307

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
18	22	8.6
20	27.5	10.9
22	34.5	13.6
24	40	15.7
26	46.5	18.2
28	51.5	20.1
32	65	25.3
36	83.2	32
40	100	38.4
44	125	50
48	148	59
52	160	63.7
56	200	78.5

DIAMETER (mm)	Weight per 100 M (Kg)	MBL (MT)
60	217	85.5
62	235	92.8
64	245	97
68	280	110
70	310	122
72	335	127
78	364	136
80	384	141
84	425	158
88	472	170
90	505	186
96	585	215

Nylon Single Filament 6-Ply Composite Rope

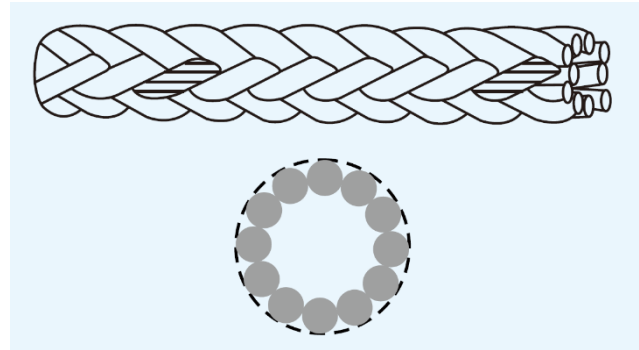


Material	Polyamide Multifilament / Nylon Monofilament	Polypropylene Multifilament / Nylon Monofilament	Polyester Multifilament / Nylon Monofilament
Density	1.14	0.98 floating	1.22
Melting Point	215°C	165 °C	260°C
Abrasion Resistance	Very Good	Good	Very Good
U.V. Resistance	Very Good	Medium	Good
Working Temperature	120°C max	70°C max	120°C max
Chemical Resistance	Very Good	Good	Good

Diameter (mm)	Polyamide Multifilament / Nylon Monofilament		Polypropylene Multifilament / Nylon Monofilament		Polyester Multifilament / Nylon Monofilament	
	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)
28	495	156	350	131	594	138
32	640	197	485	167	778	177
36	815	246	615	209	982	219
40	1010	296	755	252	1215	270
44	1260	354	925	303	1475	321
48	1450	415	1090	353	1750	378
52	1690	482	1280	408	2050	442
56	1970	553	1490	467	2380	505
60	2250	631	1710	534	2730	562
64	2570	712	1940	603	3110	653
72	3250	889	2460	758	3930	813
80	4020	1087	3050	932	4850	997
88	4870	1296	3690	1118	5870	1196
96	5790	1632	4380	1320	6990	1415

All information shown and mentioned on this sheet are for reference only, technical drawings will be submitted at order.

12-Strand Rope



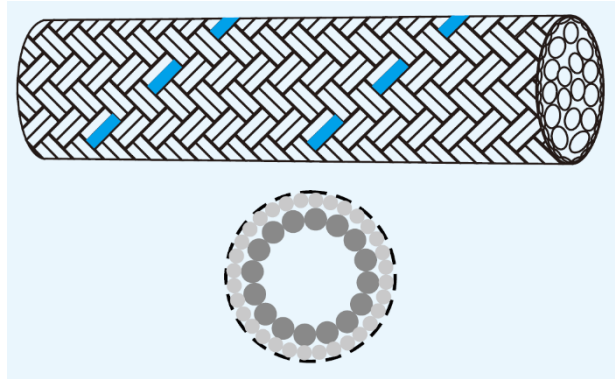
Material	Polyamide Multifilament	Polyamide Yarn	Polypropylene Multifilament	Polypropylene	Polyester	Polypropylene and Polyester Mixed
Density	1.14	1.14	0.91	0.91	1.27	0.95
Melting Point	215 °C	215 °C	165 °C	165 °C	260 °C	165 °C / 260 °C
Abrasion Resistance	Very Good	Very Good	Medium	Medium	Good	Good
U.V. Resistance	Very Good	Very Good	Medium	Medium	Good	Good
Working Temperature	120 °C max	120 °C max	70 °C max	70 °C max	120 °C max	80 °C max
Chemical Resistance	Very Good	Very Good	Good	Good	Good	Good

Diameter (mm)	PA Multifilament		PA Yarn		PP Multifilament		Polypropylene		Polyester		PET/PP Mixed	
	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)
20	247	81	247	70	189	64	180	58	303	64	194	70
24	355	114	355	101	273	89	260	81	437	91	279	98
28	484	152	484	133	373	118	355	107	594	122	380	133
32	632	196	632	169	483	148	460	135	778	157	497	170
36	800	245	800	210	614	186	585	169	982	194	629	214
40	987	300	987	253	756	226	720	205	1215	240	776	262
44	1190	358	1190	303	924	271	880	246	1468	285	939	314
48	1420	450	1420	355	1092	315	1040	286	1750	336	1110	371
52	1670	489	1670	413	1281	364	1220	331	2050	392	1320	432
56	1930	561	1930	473	1491	416	1420	378	2380	448	1520	499
60	2220	640	2220	539	1712	476	1630	433	2730	499	1750	569
64	2530	723	2530	608	1943	539	1850	490	3110	579	1990	644
72	3200	905	3200	759	2457	616	2340	615	3930	721	2520	805
80	3950	1102	3950	928	3045	832	2900	756	4850	884	3110	982
88	4780	1326	4780	1106	3686	998	3510	907	5870	1061	3750	1183
96	5690	1561	5690	1301	4379	1178	4170	1071	6990	1255	4470	1397
104	6670	1816	6670	1556	5145	1351	4900	1228	8200	1448	5260	1622

All information shown and mentioned on this sheet are for reference only, technical drawings will be submitted at order.

Diameter (mm)	PA Multifilament		PA Yarn		PP Multifilament		Polypropylene		Polyester		PET/PP Mixed	
	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)
112	7740	2091	7740	1775	5985	1560	5700	1418	9500	1652	6050	1877
120	8880	2387	8880	2027	6825	1791	6500	1628	10900	1902	6980	2142
128	10100	2703	10100	2296	7770	2022	7400	1838	12400	2152	7950	2417
136	11400	3040	11400	2584	8820	2276	8400	2069	14000	2448	8950	2713
144	12800	3386	12800	2889	9870	2540	9400	2309	15700	2703	10100	3029
160	15800	4141	15800	3565	12097	3112	11521	2809	19400	3335	12500	3703

Double Braided Rope



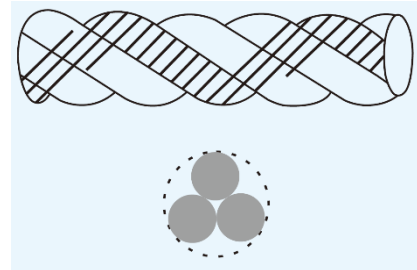
Material	Polyamide Multifilament	Polypropylene Multifilament	Polyester Multifilament	Polyester / Polypropylene	Polyester / Polyamide	Polyamide / Polypropylene
Density	1.14	0.91	0.91	1.27	1.19	0.98
Melting Point	215 °C	165 °C	260 °C	260 °C / 150 °C	260 °C / 150 °C	215 °C / 165 °C
Abrasion Resistance	Very Good	Medium	Good	Good	Good	Good
U.V. Resistance	Very Good	Medium	Good	Good	Good	Good
Working Temperature	120 °C max	70 °C max	120 °C max	80 °C max	120 °C max	80 °C max
Chemical Resistance	Very Good	Good	Good	Good	Good	Good

Diameter (mm)	PA Multifilament		Polyester		PP Multifilament		Polyester / PA		Polyester / PP		Polyamide / PP	
	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)
4	10.3	3.7	12.2	3.2	8.4	2.4	12	4	9	2.6	8.5	2.7
6	23	8.3	27.4	7.2	18.8	5.4	27	9	20.2	5.8	19	6
8	41	15	49	13	33	9.6	48	16	36	10	34	11
10	64	23	76	20	52	15	75	25	56	16	53	17
12	92	33	109	29	75	22	108	35	81	23	76	25
14	126	45	149	39	102	29	147	47	110	31	104	33
16	164	59	195	51	133	38	192	62	143	41	136	44
18	207	75	246	65	168	49	243	78	181	52	172	55
20	255	92	304	80	208	60	300	96	224	64	212	68
22	309	111	368	97	252	73	363	116	271	77	256	82
24	368	127	440	114	299	86	430	138	325	93	304	98
28	501	172	597	157	404	118	585	182	430	124	415	130
32	654	225	779	205	528	154	760	236	276	162	542	170
36	828	285	998	262	668	195	970	314	732	216	679	227
40	1018	352	1220	324	825	240	1180	385	902	266	838	280
44	1236	420	1470	378	1006	294	1440	462	1093	324	1030	341

All information shown and mentioned on this sheet are for reference only, technical drawings will be submitted at order.

Diameter (mm)	PA Multifilament		Polyester		PP Multifilament		Polyester / PA		Polyester / PP		Polyamide / PP	
	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)
48	1473	500	1760	450	1190	354	1710	546	1300	380	1230	400
52	1730	600	2050	535	1390	411	2010	635	1525	443	1440	466
56	2009	690	2380	621	1610	474	2330	731	1773	513	1670	540
60	2297	780	2740	712	1850	539	2670	934	2035	284	1910	615
64	2616	900	3120	810	2090	613	3050	942	2310	665	2170	700
72	3306	1090	3950	980	2640	767	3860	1180	2924	846	2730	890
80	4089	1344	4870	1240	3290	934	4860	1442	3610	1036	3350	1090
88	4954	1626	5910	1500	3950	1117	5780	1729	4370	1254	4060	1320
96	5892	1950	7020	1750	4710	1304	6870	2033	5207	1501	4880	1580
104	6911	2320	8250	2090	5480	1513	8070	2402	6112	1728	5800	1850
112	8024	2670	9560	2400	6390	1694	9360	2730	7082	2043	6710	2150
120	9198	3050	10970	2750	7350	2010	10740	3100	8127	2328	7690	2450

3-Strand Rope



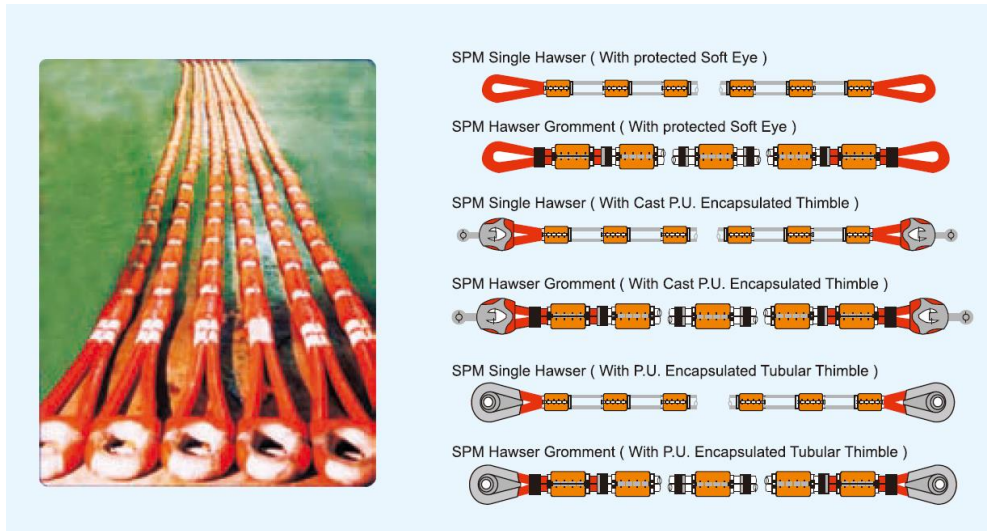
Material	Polyamide Multifilament	Polyamide Yarn	Polypropylene Multifilament	Polypropylene	Polyester	Polypropylene and Polyester Mixed
Density	1.14	1.14	0.91	0.91	1.27	0.95
Melting Point	215 °C	215 °C	165 °C	165 °C	260 °C	165 °C / 260 °C
Abrasion Resistance	Very Good	Very Good	Medium	Medium	Good	Good
U.V. Resistance	Very Good	Very Good	Medium	Medium	Good	Good
Working Temperature	120 °C max	120 °C max	70 °C max	70 °C max	120 °C max	80 °C max
Chemical Resistance	Very Good	Very Good	Good	Good	Good	Good

Diameter (mm)	PA Multifilament		PA Yarn		PP Multifilament		Polypropylene		Polyester		PET/PP Mixed	
	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)
4	10	3.7	10	2.6	6.3	2.3	6	2.1	12	2.9	7	2.8
6	22	7.9	22	6	18	6.5	17	5.9	27	5.6	17.5	6.8
8	40	13.8	40	10.9	32	11.4	30	10.4	48	10	31	11.9
10	62	21.2	62	15.7	47	16.8	45	15.3	76	15.6	48.5	18.2
12	89	30.1	89	24.1	68	23.9	65	21.7	110	22.3	69.9	25.7
14	121	40	121	33	95	32.9	90	29.9	148	31.2	92.1	34.7
16	158	51.9	158	42.5	121	40.7	115	37	195	39.8	124	44.8
18	200	64.3	200	53.9	155	51.9	148	47.2	245	49.8	157	56.1
20	247	79.2	247	66.7	189	62.6	180	56.9	303	62.3	194	68.7
22	299	94	299	80.4	231	75	220	68.2	367	74.7	235	82.1
24	355	112	355	96.3	273	87.7	260	79.7	437	89.6	279	96.3
26	417	129	417	111.5	320	101	305	92.2	512	105	328	113
28	484	149	484	127	373	115	355	105	594	120	380	130
30	555	169	555	143	425	132	405	120	682	134	437	148
32	632	192	632	161	483	146	460	132	778	154	497	167
36	800	240	800	200	614	182	585	166	982	190	629	210
40	987	294	987	241	756	221	720	201	1215	235	776	257
44	1190	351	1190	289	924	266	880	242	1468	275	939	308
48	1420	412	1420	338	1092	308	1040	280	1750	329	1110	364

All information shown and mentioned on this sheet are for reference only, technical drawings will be submitted at order.

Diameter (mm)	PA Multifilament		PA Yarn		PP Multifilament		Polypropylene		Polyester		PET/PP Mixed	
	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)	Ktex	MBL (KN)
52	1670	479	1670	393	1281	357	1220	325	2050	384	1320	424
56	1930	550	1930	450	1491	408	1420	371	2380	439	1520	489

SPM Rope

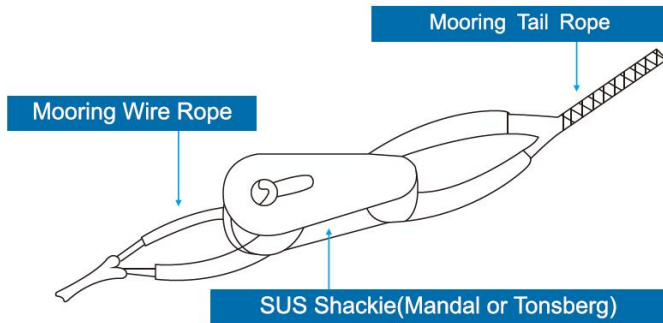


- Material: Polyamide (Nylon)
- Construction: Load-bearing cores with a protective cover of polyamide
- Application: Marine, fishing
- Density: 1.14
- Meltpoint: 215°C
- Abrasion Resistance: Excellent
- U.V.resistance: Excellent
- Working temperature: 80°C max
- Dry & Wet performance: Wet strength 5% lower than dry strength
- SPM Polyamide Hawsers are manufactured in accordance with OCIMF 2000 regulations.
- Chemical resistance: Reasonable; acids, oxidisers & solvents will affect nylon

Diameter (mm)	Weight per 100 M (Kg)	Single leg type MBL (MT)	Grommet Type MBL (MT)
80	406	132	237
88	506	167	300
96	585	191	344
104	699	222	410
112	798	263	473
120	914	298	537
128	1031	335	603
136	1164	382	688
144	1316	429	773
152	1490	478	860
160	1624	526	947
168	1785	574	1033

Diameter (mm)	Weight per 100 M (Kg)	Single leg type MBL (MT)	Grommet Type MBL (MT)
176	1986	641	1153
184	2165	693	1248
192	2351	741	1334
200	2554	811	1459
208	2756	884	1592
216	2957	952	1714
224	3161	1026	1846
232	3390	1094	1969
240	3628	1173	2112
248	3874	1257	2262
256	4128	1340	2411

Mooring Tail Rope



MANDAL FAIRLEAD SHACKLE



Shackle 90 M	Shackle 120 M
Tail 56-64 mm	Tail 68-80 mm
A = 255 mm	A = 300 mm
B = 97 mm	B = 121 mm
C = 120 mm	C = 130 mm
D = 65 mm	D = 82 mm
E = 67 mm	E = 90 mm
F = 100 mm	F = 128 mm
R = 34 mm	R = 45 mm
Breaking Load: 90 Tonnes	Breaking Load: 120 Tonnes
Proof Load: 55 Tonnes	Proof Load: 70 Tonnes
Weight: 7.8 Kg	Weight: 13.3 Kg

TØNSBERG MOORING LINK



Link 120 T	Link 180 T
Tail 72-80 mm	Tail 88-112 mm
A = 324 mm	A = 350 mm
B = 142 mm	B = 184 mm
C = 150 mm	C = 160 mm
D = 75 mm	D = 85 mm
E = 90 mm	E = 120 mm
R = 28 mm	R = 30 mm
Breaking Load: 120 Tonnes	Breaking Load: 180 Tonnes
Proof Load: 70 Tonnes	Proof Load: 95 Tonnes
Weight: 16.9 Kg	Weight: 25 Kg

Nylon Mooring Tails

Diameter (mm)	Length (M)	Construction	MBL (MT)	TYPE	Weight (Kg/coil)	Remark
48	11	8 or 12 strand	40	Both	25	140% against MBL of Wire Rope
56	11	8 or 12 strand	55	Both	35	140% against MBL of Wire Rope
64	11	8 or 12 strand	70	Both	45	140% against MBL of Wire Rope
72	11	8 or 12 strand	90	Both	60	140% against MBL of Wire Rope
80	11	8 or 12 strand	110	Both	75	140% against MBL of Wire Rope
88	11	8 or 12 strand	130	Both	90	140% against MBL of Wire Rope
96	11	8 or 12 strand	150	Both	105	140% against MBL of Wire Rope
104	11	8 or 12 strand	175	Both	120	140% against MBL of Wire Rope
112	11	8 or 12 strand	200	Both	140	140% against MBL of Wire Rope
120	11	8 or 12 strand	230	Both	160	140% against MBL of Wire Rope

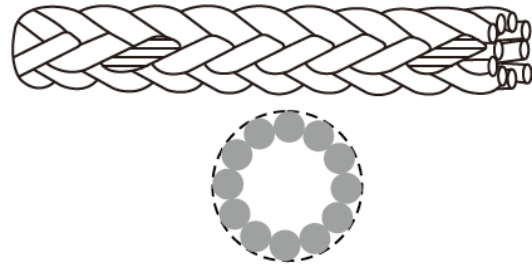
PP & Polyester Mixed Mooring Tails

Diameter (mm)	Length (M)	Construction	MBL (MT)	TYPE	Weight (Kg/coil)	Remark
48	11	8 or 12 strand	45	Both	22	130% against MBL of Wire Rope
56	11	8 or 12 strand	60	Both	32	130% against MBL of Wire Rope
64	11	8 or 12 strand	75	Both	40	130% against MBL of Wire Rope
72	11	8 or 12 strand	95	Both	54	130% against MBL of Wire Rope
80	11	8 or 12 strand	115	Both	68	130% against MBL of Wire Rope
88	11	8 or 12 strand	135	Both	80	130% against MBL of Wire Rope
96	11	8 or 12 strand	160	Both	92	130% against MBL of Wire Rope
104	11	8 or 12 strand	190	Both	105	130% against MBL of Wire Rope
112	11	8 or 12 strand	220	Both	125	130% against MBL of Wire Rope
120	11	8 or 12 strand	250	Both	145	130% against MBL of Wire Rope

Nylon Double Braided Mooring Tails

Diameter (mm)	Length (M)	Construction	MBL (MT)	TYPE	Weight (Kg/coil)	Remark
48	11	Double	50	Both	26	140% against MBL of Wire Rope
56	11	Double	70	Both	36	140% against MBL of Wire Rope
64	11	Double	90	Both	46	140% against MBL of Wire Rope
72	11	Double	110	Both	62	140% against MBL of Wire Rope
80	11	Double	135	Both	78	140% against MBL of Wire Rope
88	11	Double	165	Both	95	140% against MBL of Wire Rope
96	11	Double	195	Both	110	140% against MBL of Wire Rope
104	11	Double	230	Both	126	140% against MBL of Wire Rope
112	11	Double	260	Both	148	140% against MBL of Wire Rope
120	11	Double	300	Both	170	140% against MBL of Wire Rope

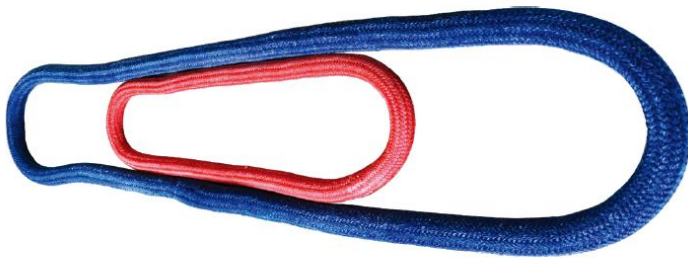
Aramid Fiber Rope



Diameter (mm)	Weight per 100 M (Kg/coil)	MBL (MT)
6	2.90	2.00
8	5.16	3.56
10	8.06	5.56
12	11.60	8.00
16	20.62	14.22
18	26.10	18.00
20	32.22	22.22
24	46.40	32.00
28	63.16	43.56
32	82.49	59.89
36	104.40	72.00
40	128.89	88.89

Diameter (mm)	Weight per 100 M (Kg/coil)	MBL (MT)
44	155.96	107.56
48	185.60	128.00
52	217.82	150.22
56	252.62	174.22
60	290.00	200.00
64	329.96	227.56
72	417.60	288.00
80	515.56	355.56
88	623.82	430.22
96	742.40	512.00
104	871.29	600.89
112	1,010.49	696.89

Round Sling



Diameter (mm)	WLL (MT)
12	1,000
16	2,000
18	3,000
20	4,000
24	5,000
26	6,000
30	8,000
35	10,000
40	15,000
50	20,000
55	25,000
65	30,000

Diameter (mm)	WLL (MT)
70	40,000
80	50,000
85	60,000
90	70,000
95	80,000
100	90,000
110	100,000
150	150,000
165	200,000
185	300,000
210	400,000
230	500,000