

DURA-PP™ 8/12

High Tenacity Polypropylene

Structure: 8/12-strand

Light weight mooring line, very easy to handle, keep same strength in wet or dry environment.

Features:

Specific Gravity: 0.91~0.93
 Melting Point: 165
 Breaking Elongation: 12%~20%
 Abrasion Resistance: Normal
 Chemical Resistance: Very Good
 UV Resistance: Normal
 Water Absorption: 0.01%
 Wet-dry Strength Ratio: Dry ≈ Wet

Applications:

Anchor Lines
 Dock Lines
 Shock Lines
 Mooring Lines
 Towing Lines
 Winch Lines



Dia		Circ.	Weight		Code	8-strand				Code	12-strand			
mm	inch	inch	kg/100m	lbs/100ft		Unspliced MBL		LDBF, Spliced MBL			Unspliced MBL		LDBF, Spliced MBL	
						ton	kN	ton	kN		ton	kN	ton	kN
24	1	3	26.0	17.4	6105514	7.7	75	6.9	68	6105614	8.2	80	7.3	72
28	1-1/8	3-1/2	35.4	23.7	6105516	10.2	100	9.2	90	6105616	10.8	106	9.7	95
30	1-1/4	3-3/4	40.7	27.3	6105517	11.4	112	10.3	101	6105617	12.0	118	10.8	106
32	1-5/16	4	46.3	31.1	6105518	13.5	132	12.1	119	6105618	14.3	140	12.9	126
36	1-1/2	4-1/2	58.6	39.3	6105520	16.3	160	14.7	144	6105620	17.3	170	15.6	153
40	1-5/8	5	72.3	48.5	6105522	20.4	200	18.4	180	6105622	21.4	210	19.3	189
44	1-3/4	5-1/2	87.5	58.7	6105523	24.1	236	21.6	212	6105623	25.5	250	23.0	225
48	2	6	104.0	69.8	6105525	28.6	280	25.7	252	6105625	30.6	300	27.6	270
52	2-1/8	6-1/2	122.0	81.8	6105526	34.2	335	30.8	302	6105626	36.2	355	32.7	320
56	2-1/4	7	142.0	95.2	6105527	38.3	375	34.5	338	6105627	40.8	400	36.7	360
60	2-1/2	7-1/2	163.0	109.3	6105528	43.4	425	39.1	383	6105628	45.9	450	41.3	405
64	2-5/8	8	185.0	124.1	6105530	48.5	475	43.7	428	6105630	51.0	500	45.9	450
72	3	9	234.0	157.0	6105533	61.2	600	55.1	540	6105633	64.3	630	57.9	567
80	3-1/4	10	289.0	193.8	6105536	76.5	750	68.9	675	6105636	81.6	800	73.5	720
88	3-5/8	11	350.0	234.8	6105538	91.8	900	82.7	810	6105638	96.9	950	87.2	855
96	4	12	417.0	279.7	6105540	108.2	1060	97.3	954	6105640	114.3	1120	102.9	1008
104	4-1/4	13	489.0	328.0	6105542	127.6	1250	114.8	1125	6105642	134.7	1320	121.2	1188
112	4-5/8	14	567.0	380.3	6105545	142.9	1400	128.6	1260	6105645	153.1	1500	137.8	1350
120	5	15	651.0	436.0	6105548	163.3	1600	146.9	1440	6105648	173.5	1700	156.1	1530
128	5-1/4	16	741.0	497.0	6105549	193.9	1900	174.5	1710	6105649	204.1	2000	183.7	1800
136	5-5/8	17	836.0	560.7	6105551	216.3	2120	194.7	1908	6105651	228.6	2240	205.7	2016
144	6	18	937.0	628.5	6105552	240.8	2360	216.7	2124	6105652	255.1	2500	229.6	2250
160	6-5/8	20	1160.0	778.0	6105555	285.7	2800	257.1	2520	6105655	306.1	3000	275.5	2700

- a. Bespoke diameter and length is available.
- b. ±5% tolerance according to ISO 2307:2010.
- c. LDBF=Line Design Break Force according to OCIMF Mooring Equipment Guidelines 4(MEG4).

