

## DURA-PA™ 8/12

### High Tenacity Polyamide

#### Structure: 8/12-strand

Made of high tenacity polyamide fiber, inner core with outside jacket make the rope has good shock-absorption and abrasion resistance. Put special coating and metal accessory on rope ends and plus float foam. In compliance with OCIMF MEG4.

#### Features:

Specific Gravity: 1.14  
 Melting Point: 215  
 Breaking Elongation: 15%~28%  
 Abrasion Resistance: Very Good  
 Chemical Resistance: Very Good  
 UV Resistance: Very Good  
 Water Absorption: 4%  
 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, Spiced MBL			Unspliced MBL		LDBF, Spiced MBL	
						ton	kN	ton	kN		ton	kN	ton	kN
24	1	3	36.0	24.1	6103514	13.7	134	12.4	121	6103614	14.4	142	13.0	127
28	1-1/8	3-1/2	49.0	32.9	6103516	18.4	180	16.6	162	6103616	19.6	192	17.6	173
30	1-1/4	3-3/4	56.0	37.6	6103517	20.8	204	18.7	184	6103617	22.1	216	19.8	194
32	1-5/16	4	64.0	42.9	6103518	24.5	240	22.1	216	6103618	25.9	254	23.4	229
36	1-1/2	4-1/2	81.0	54.3	6103520	30.6	300	27.6	270	6103620	32.4	318	29.3	287
40	1-5/8	5	100.0	67.1	6103522	36.7	360	33.1	324	6103622	38.5	378	34.8	341
44	1-3/4	5-1/2	121.0	81.2	6103523	43.4	426	39.2	384	6103623	46.0	450	41.4	406
48	2	6	144.0	96.6	6103525	52.1	510	46.9	460	6103625	55.1	540	49.6	486
52	2-1/8	6-1/2	170.0	114.0	6103526	61.2	600	55.1	540	6103626	64.9	636	58.4	572
56	2-1/4	7	197.0	132.1	6103527	68.5	672	61.7	605	6103627	73.4	720	66.1	648
60	2-1/2	7-1/2	226.0	151.6	6103528	77.2	756	69.5	680	6103628	82.1	804	73.8	724
64	2-5/8	8	257.0	172.4	6103530	86.9	852	78.2	767	6103630	91.8	900	82.7	810
72	3	9	325.0	218.0	6103533	110.2	1080	99.2	972	6103633	116.3	1140	104.6	1026
80	3-1/4	10	401.0	269.0	6103536	137.2	1344	123.5	1210	6103636	144.5	1416	130.1	1274
88	3-5/8	11	486.0	326.0	6103538	161.6	1584	145.4	1426	6103638	171.5	1680	154.3	1512
96	4	12	578.0	387.7	6103540	196.0	1920	176.3	1728	6103640	208.2	204	187.3	1836
104	4-1/4	13	678.0	454.8	6103542	220.4	2160	198.4	1944	6103642	232.7	2280	209.4	2052
112	4-5/8	14	787.0	527.9	6103545	259.6	2544	233.6	2290	6103645	274.3	2688	246.8	2419
120	5	15	903.0	605.7	6103548	289.0	2832	260.0	2549	6103648	306.1	3000	275.5	2700
128	5-1/4	16	1010.0	677.4	6103549	324.5	3180	292.1	2862	6103649	342.8	3360	308.5	3024
136	5-5/8	17	1160.0	778.0	6103551	367.3	3600	330.6	3240	6103651	385.7	3780	347.2	3402
144	6	18	1300.0	872.0	6103552	410.2	4020	369.2	3618	6103652	434.6	4260	391.2	3834
160	6-5/8	20	1610.0	1079.9	6103555	520.4	5100	468.4	4590	6103655	551.0	5400	496.0	4860

- 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).

