

DURA-PEST™ 8/12

High Tenacity Polyester

Structure: 8/12-strand

High-tenacity polyester fiber makes rope have very good break strength and finest durability, it's widely used in mooring industry.

Features:

Specific Gravity: 1.38~1.44
 Melting Point: 250~260
 Breaking Elongation: 12%~21%
 Abrasion Resistance: Very Good
 Chemical Resistance: Very Good
 UV Resistance: Very Good
 Water Absorption: 0.4%
 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, Spliced MBL			Unspliced MBL		LDBF, Spliced MBL	
						ton	kN	ton	kN		ton	kN	ton	kN
24	1	3	43.7	29.3	6104514	11.0	108	9.9	97	6104614	11.6	114	10.5	103
28	1-1/8	3-1/2	59.5	39.9	6104516	14.4	142	13.0	127	6104616	15.3	150	13.8	135
30	1-1/4	3-3/4	68.3	45.8	6104517	16.2	158	14.5	143	6104617	17.1	168	15.4	151
32	1-5/16	4	77.7	52.1	6104518	18.4	180	16.5	162	6104618	19.6	192	17.6	173
36	1-1/2	4-1/2	98.4	66.0	6104520	23.3	228	20.9	205	6104620	24.5	240	22.0	216
40	1-5/8	5	121.0	81.2	6104522	28.9	283	26.0	255	6104622	30.6	300	27.6	270
44	1-3/4	5-1/2	147.0	98.6	6104523	34.3	336	30.9	302	6104623	36.7	360	33.1	324
48	2	6	175.0	117.4	6104525	41.0	402	36.9	362	6104625	43.5	426	39.1	383
52	2-1/8	6-1/2	205.0	137.5	6104526	49.0	480	44.1	432	6104626	52.0	510	46.8	459
56	2-1/4	7	238.0	159.6	6104527	55.1	540	49.6	486	6104627	58.2	570	52.3	513
60	2-1/2	7-1/2	273.0	183.1	6104528	61.2	600	55.1	540	6104628	64.9	636	58.4	572
64	2-5/8	8	311.0	208.6	6104530	68.6	672	61.7	605	6104630	73.5	720	66.1	648
72	3	9	393.0	263.6	6104533	86.9	852	78.2	767	6104633	91.8	900	82.7	810
80	3-1/4	10	486.0	326.0	6104536	110.2	1080	99.2	972	6104636	116.3	1140	104.7	1026
88	3-5/8	11	588.0	394.4	6104538	129.8	1272	116.8	1145	6104638	137.1	1344	123.4	1210
96	4	12	699.0	468.8	6104540	153.1	1500	137.8	1350	6104640	161.6	1584	145.5	1426
104	4-1/4	13	821.0	550.7	6104542	183.7	1800	165.3	1620	6104642	195.9	1920	176.3	1728
112	4-5/8	14	952.0	638.5	6104545	208.2	2040	187.3	1836	6104645	220.4	2160	198.4	1944
120	5	15	1090.0	731.1	6104548	232.7	2280	209.4	2052	6104648	244.9	2400	220.4	2160
128	5-1/4	16	1240.0	831.7	6104549	274.3	2688	246.9	2419	6104649	289.0	2832	260.1	2549
136	5-5/8	17	1400.0	939.0	6104551	306.1	3000	275.5	2700	6104651	324.5	3180	292.0	2862
144	6	18	1570.0	1053.0	6104552	342.9	3360	308.6	3024	6104652	367.3	3600	330.6	3240
160	6-5/8	20	1940.0	1301.2	6104555	410.2	4020	369.2	3618	6104655	434.7	4260	391.2	3834

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

