

TOUGH - PP™ 8/12

Polypropylene

Structure: 8/12-strand

Made by normal polypropylene fiber, very easy to handle and keep same strength in wet or dry environment. Floats and good UV resistance.

Features:

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

Applications:

Floating Tow Lines
 Mooring Lines
 Tie-up Lines
 Anchor Lines
 Fishing Lines
 Pick-up 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	26.1	17.5	6106514	9.0	88	8.2	80	6106614	9.3	92	8.4	82
26	1-1/16	3-1/4	30.6	20.5	6106515	10.5	103	9.5	93	6106615	10.9	107	9.8	96
28	1-1/8	3-1/2	35.5	23.8	6106516	12.0	118	10.8	106	6106616	12.5	123	11.3	110
30	1-1/4	3-3/4	40.8	27.4	6106517	13.7	134	12.3	121	6106617	14.2	139	12.8	125
32	1-5/16	4	46.4	31.2	6106518	15.5	152	14.0	137	6106618	16.1	158	14.5	142
36	1-1/2	4-1/2	58.7	39.4	6106520	19.4	190	17.6	172	6106620	20.2	198	18.1	178
40	1-5/8	5	72.5	48.7	6106522	23.8	233	21.4	210	6106622	24.7	242	22.3	218
44	1-3/4	5-1/2	87.7	58.9	6106523	28.4	278	25.5	250	6106623	29.5	289	26.6	260
48	2	6	104.0	69.8	6106525	33.4	327	30.1	295	6106625	34.7	340	31.2	306
52	2-1/8	6-1/2	122.0	81.9	6106526	38.9	381	35.0	343	6106626	40.4	396	36.4	357
56	2-1/4	7	142.0	95.3	6106527	44.6	437	40.2	394	6106627	46.4	454	41.7	409
60	2-1/2	7-1/2	163.0	109.4	6106528	50.6	496	45.5	446	6106628	52.6	516	47.4	464
64	2-5/8	8	186.0	124.9	6106530	56.9	558	51.2	502	6106630	59.2	580	53.3	522
68	3-3/4	8-1/2	210.0	141.0	6106531	63.9	626	57.6	564	6106631	66.4	651	59.8	586
72	3	9	235.0	157.8	6106533	71.1	697	64.0	627	6106633	74.0	725	66.6	652
80	3-1/4	10	290.0	194.7	6106536	86.3	846	77.8	762	6106636	89.8	880	80.8	792
88	3-5/8	11	351.0	235.6	6106538	103.3	1012	92.9	910	6106638	107.4	1052	96.7	947
96	4	12	417.0	280.0	6106540	121.4	1190	109.3	1071	6106640	126.3	1238	113.7	1114
104	4-1/4	13	490.0	329.0	6106542	140.5	1377	126.6	1241	6106642	146.1	1432	131.5	1289
112	4-5/8	14	568.0	381.3	6106545	163.1	1598	146.6	1437	6106645	169.6	1662	152.6	1496
120	5	15	652.0	437.7	6106548	184.8	1811	166.5	1632	6106648	192.2	1883	173.0	1695
128	5-1/4	16	742.0	498.2	6106549	209.9	2057	189.1	1853	6106649	218.3	2139	196.5	1925
136	5-5/8	17	838.0	562.6	6106551	235.9	2312	212.6	2083	6106651	245.4	2404	220.8	2164
144	6	18	939.0	630.4	6106552	263.7	2584	237.7	2329	6106652	274.2	2687	246.8	2419
152	6-1/4	19	1050.0	704.9	6106554	293.2	2873	263.7	2584	6106654	304.9	2988	274.4	2689
160	6-5/8	20	1160.0	778.0	6106555	324.4	3179	292.3	2865	6106655	337.4	3306	303.6	2976

- 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.

