

WIN-MONO™

High Tenacity Polyamide

Structure: 6-strand

6- strand construction keeps rope round, polyamide monofilament combined with polyamide multifilament ensure the rope have excellent abrasion resistance and UV resistance. Round and stiff construction makes rope easy to go through on winch, compared with steel rope, it's much lighter and easier to handle, a good replacement of steel rope.

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:

Mooring Lines

Winch Lines



Code	Dia		Circ.	Weight		Unspliced MBL		LDBF, Spliced MBL	
	mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN
6103422	40	1-5/8	5	105.0	70.5	34.0	333	30.6	300
6103423	44	1-3/4	5-1/2	124.0	83.2	43.7	428	39.3	385
6103425	48	2	6	148.0	99.4	51.7	507	46.5	456
6103426	52	2-1/8	6-1/2	163.0	109.4	56.7	556	51.0	500
6103427	56	2-1/4	7	200.0	134.3	68.3	669	61.5	602
6103428	60	2-1/2	7-1/2	217.0	145.7	73.3	718	66.0	647
6103430	64	2-5/8	8	246.0	165.2	84.0	823	75.6	741
6103431	68	2-3/4	8-1/2	281.0	188.7	96.8	949	87.1	854
6103433	72	3	9	328.0	220.2	110.4	1082	99.4	974
6103435	78	3-1/13	9-3/4	370.0	248.4	122.5	1201	110.3	1080
6103437	84	3-1/2	10-1/2	427.0	286.7	143.0	1401	128.7	1261
6103439	90	3-9/16	11-1/4	506.0	339.7	168.1	1647	151.3	1483
6103440	96	4	12	587.0	394.1	194.0	1901	174.6	1711

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).

