

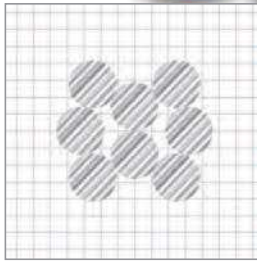
MEGACORE®

High tenacity Polyolefin & Polyester mixed

Value Proposition

- The Highest strength at much lighter weight.
- The weight for a given strength is even lighter than any other fiber ropes.
 - Wet and dry strength are equal.
 - Superior Flexibility.
- The fatigue life is comparable to pure polyestert.
- Excellent in chemical resistance and rot/mildew resistance..
- Good abrasion resistance and good UV resistance.

Structure



8-STRAND CONSTRUCTION

Fiber Content

- High tenacity Polyolefin & Polyester Mixed

Characteristics

- Color of Rope : White color
- Gravity : < 1.0 (floating type)
- Melting Point : 165°C/260°C

Applications

- Mooring and Tie-up line
- Mooring pendants
- Tug assist line

Dia	Circ.		Weight		UNSPliced MBL		LDBF, SPliced MBL	
	inch	mm	Inch	kg/200m lb/600ft	ton	kN	ton	kN
1-9/16	40	5	167	337	36.7	360	33.0	324.0
1-3/4	44	5-1/2	198	399	44.0	431	39.6	388.5
1-25/32	45	5-5/8	208	419	46.0	451	41.4	406.1
1-7/8	48	6	236	476	50.5	495	45.5	445.9
2	50	6-1/4	255	514	54.5	534	49.1	481.2
2-1/16	52	6-1/2	272	548	58.8	576	52.9	519.1
2-5/32	55	6-7/8	305	615	66.0	647	59.4	582.7
2/1-4	56	7	316	637	67.7	664	60.9	597.7
2-3/8	60	7-1/2	358	722	77.5	760	69.8	684.2
2-1/2	64	8	405	816	87.0	853	78.3	768.1
2-9/16	65	8-1/8	417	841	89.7	880	80.7	792.0
2-11/16	68	8-1/2	456	919	98.1	961	88.3	864.9
2-3/4	70	8-3/4	483	974	103.6	1,015	93.2	913.5
2-7/8	72	9	510	1,028	109.0	1,068	98.1	961.2
2-31/32	75	9-3/8	552	1,113	118.0	1,157	106.2	1,041.8
3	76	9-1/2	564	1,137	120.0	1,178	109.0	1,060.2
3-5/32	80	10	625	1,260	132.0	1,294	118.8	1,164.6
3-5/16	84	10-1/2	678	1,367	144.0	1,412	129.6	1,270.8
3-3/8	85	10-5/8	705	1,421	146.0	1,432	131.4	1,289.0
3-7/16	88	11	752	1,516	156.7	1,536	141.0	1,382.4
3-9/16	90	11-1/4	786	1,584	163.5	1,602	147.2	1,441.8
3-3/4	95	11-7/8	876	1,766	184.5	1,809	166.1	1,629.0
3-13/16	96	12	894	1,802	191.0	1,872	171.9	1,684.8
4	100	12-1/2	967	1,949	202.0	1,980	181.8	1,782.0
4-1/8	104	13	1,045	2,107	218.0	2,136	196.2	1,922.4
4-3/20	105	13-1/8	1,065	2,147	222.2	2,179	200.0	1,961.8
4-5/16	110	13-3/4	1,168	2,355	243.3	2,384	219.0	2,145.6
4-7/16	112	14	1,211	2,441	252.2	2,474	227.0	2,226.7
4-9/16	115	14-3/8	1,276	2,572	265.0	2,599	238.5	2,339.7
4-3/4	120	15	1,389	2,800	288.5	2,830	259.7	2,547.2

• ± 5% tolerance according to ISO 2307

• LDBF=Line Design Break Force according to MEG4 OCIMF Guidelines.