

HOPEX MIX™

UHMWPE & High Tenacity Polyester Mixed

Structure: 8/12-Strand

Made of UHMWPE & High Tenacity Polyester Mixed fiber, through special treatment, very high break strength and light weight, makes rope grip well and excellent abrasion resistance .

Features:	Applications:
Specific Gravity: 1g/cm ³	Mooring Lines
Melting Point: 145	Towing Lines
Breaking Elongation: <5%	Lifting Slings
Abrasion Resistance: Very Good	Winch Lines
Chemical Resistance: Very Good	Messenger Lines
UV Resistance: Very Good	Oceanographic Cables
Water Absorption: 0%	Fishing Farming
Wet-dry Strength Ratio: Dry ≈ Wet	Wind Farm Lines
	Offshore Applications



Code	Dia		Circ. inch	Weight		Unspliced MBL		LDBF, Spliced MBL	
	mm	inch		kg/100m	lbs/100ft	ton	kN	ton	kN
6111610	16	5/8	2	11.3	7.6	13.7	134	12.3	121
6111611	18	3/4	2-1/4	18.7	12.6	22	216	19.8	194
6111613	22	7/8	2-3/4	25	16.8	29.3	287	26.4	258
6111614	24	1	3	32.1	21.6	38.4	376	34.6	339
6111616	28	1-1/8	3-1/2	39.3	26.4	47.2	463	42.5	416
6111617	30	1-1/4	3-3/4	48.7	32.7	59.9	587	53.9	528
6111618	32	1-5/16	4	50.9	34.2	64	627	57.6	564
6111619	34	1-11/32	4-1/4	57.9	38.9	71.6	702	64.4	632
6111620	36	1-7/16	4-1/2	67.7	45.5	84.8	831	76.3	748
6111621	38	1-1/2	4-3/4	73.1	49.1	91.9	901	82.7	811
6111622	40	1-5/8	5	78.4	52.6	98.9	969	89.0	872
6111623	44	1-3/4	5-1/2	91.7	61.6	117	1147	105.3	1032
6111625	48	2	6	116	77.9	152	1490	136.8	1341
6111626	52	2-1/8	6-1/2	133	89.3	173	1695	155.7	1526
6111627	56	2-1/4	7	146	98.0	189	1852	170.1	1667
6111628	60	2-1/2	7-1/2	183	122.9	246	2411	221.4	2170
6111630	64	2-5/8	8	199	133.6	268	2626	241.2	2364
6111631	68	2-3/4	8-1/2	217	145.7	295	2891	265.5	2602
6111633	72	3	9	259	173.9	353	3459	317.7	3113
6111636	80	3-1/4	10	305	204.8	420	4116	378.0	3704

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.

