

PRODUCT DATA SHEET

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HOPEX PRO™

Ultra High Molecular Weight Polyethylene

Structure: UHMWPE 12-strand Load-bearing Core & UHMWPE Braided Jacket

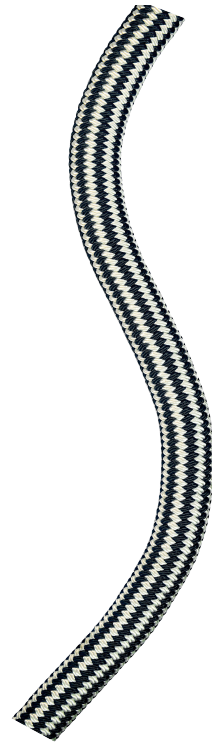
This combination makes the rope with extremely high strength & low stretch, 7 times stronger than steel ropes and 3 times stronger than polyester (on a weight by weight comparison). The braided jacket offers superior resistance to UV & chemicals, more wear resistance, excellent gripping properties and a torque - free construction.

Features

Specific Gravity: 0.97
 Melting Point: 145
 Breaking Elongation: < 4%
 Abrasion Resistance: Very Good
 Chemical Resistance: Very Good
 UV Resistance: Very Good
 Water Absorption: 0%
 Wet-dry Strength Ratio: 100%

Applications

Mooring Lines
 Towing Lines
 Winch Lines
 Lifting Slings
 Messenger Lines
 Oceanographic Cables
 Fishing Farming
 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
6114112	20	13/16	2-1/2	25.2	16.9	30.5	299	27.5	269
6114113	22	7/8	2-3/4	30.5	20.4	38.3	375	34.5	338
6114114	24	1	3	35.7	24.0	45.1	442	40.6	398
6114115	26	1-1/16	3-1/4	42.0	28.2	52.9	518	47.6	467
6114116	28	1-1/8	3-1/2	48.3	32.4	61.6	604	55.4	543
6114117	30	1-1/4	3-3/4	55.7	37.4	71.5	701	64.4	631
6114118	32	1-5/16	4	63.0	42.3	82.6	809	74.3	729
6114119	34	1-11/32	4-1/4	71.2	47.8	92.2	904	83.0	813
6114120	36	1-7/16	4-1/2	80.9	54.3	102.4	1004	92.2	903
6114121	38	1-1/2	4-3/4	89.4	60.0	116.2	1139	104.6	1025
6114122	40	1-5/8	5	98.7	66.3	127.9	1253	115.1	1128
6114123	44	1-3/4	5-1/2	120.8	81.1	154.9	1518	139.4	1366
6114125	48	2	6	142.8	95.9	180.7	1771	162.6	1594
6114126	52	2-1/8	6-1/2	168.0	112.8	215.5	2112	194.0	1901
6114127	56	2-1/4	7	194.3	130.4	245.9	2410	221.3	2169
6114128	60	2-1/2	7-1/2	222.6	149.4	282.8	2771	254.5	2494
6114130	64	2-5/8	8	252.0	169.2	323.3	3168	291.0	2852
6114131	68	2-3/4	8-1/2	285.6	191.7	366.0	3587	329.4	3228
6114133	72	3	9	322.4	216.4	407.4	3993	366.7	3593
6114134	76	3-1/8	9-1/2	357.0	239.7	451.2	4422	406.1	3980
6114136	80	3-1/4	10	393.8	264.4	506.2	4961	455.6	4465
6114138	88	3-5/8	11	472.5	317.2	600.5	5885	540.5	5296
6114140	96	4	12	556.5	373.6	704.9	6908	634.4	6217

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)



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