

# PRODUCT DATA SHEET

# ROPENET

## HOPEX PLUS™

### UHMWPE & High Tenacity Polyester

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

This structure is non-rotative and torque free construction, the rope will not kink, round and firm structure makes rope grip well. Also braided Jacket enhance rope with excellent wear resistance and increase the service life of the rope.

#### Features

Specific Gravity: 0.97~1.10  
 Melting Point: 145/260  
 Breaking Elongation: 5%  
 Abrasion Resistance: Very Good  
 Chemical Resistance: Very Good  
 UV Resistance: Very Good  
 Water Absorption: 0%  
 Wet-dry Strength Ratio: Dry ≈ Wet

#### Applications

Mooring Lines  
 Towing Lines  
 Lifting Slings  
 Winch Lines  
 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
6113112	20	13/16	2-1/2	28.5	19.1	30.5	299	27.5	269
6113113	22	7/8	2-3/4	34.4	23.1	38.3	375	34.5	338
6113114	24	1	3	40.4	27.1	45.1	442	40.6	398
6113115	26	1-1/16	3-1/4	47.5	31.9	52.9	518	47.6	467
6113116	28	1-1/8	3-1/2	54.7	36.7	61.6	604	55.4	543
6113117	30	1-1/4	3-3/4	62.9	42.2	71.5	701	64.4	631
6113118	32	1-5/16	4	71.3	47.9	82.6	809	74.3	729
6113119	34	1-11/32	4-1/4	80.8	54.2	92.2	904	83.0	813
6113120	36	1-7/16	4-1/2	91.5	61.4	102.4	1004	92.2	903
6113121	38	1-1/2	4-3/4	101.1	67.9	116.8	1145	105.1	1030
6113122	40	1-5/8	5	111.7	75.0	127.9	1253	115.1	1128
6113123	44	1-3/4	5-1/2	136.6	91.7	154.9	1518	139.4	1366
6113125	48	2	6	161.6	108.5	180.7	1771	162.6	1594
6113126	52	2-1/8	6-1/2	190.1	127.6	215.5	2112	194.0	1901
6113127	56	2-1/4	7	219.8	147.6	245.9	2410	221.3	2169
6113128	60	2-1/2	7-1/2	251.9	169.1	282.8	2771	254.5	2494
6113130	64	2-5/8	8	285.1	191.4	323.3	3168	291.0	2852
6113131	68	2-3/4	8-1/2	323.2	217.0	366.0	3587	329.4	3228
6113133	72	3	9	364.8	244.9	407.4	3993	366.7	3593
6113134	76	3-1/8	9-1/2	403.9	271.2	451.2	4422	406.1	3980
6113136	80	3-1/4	10	445.5	299.1	506.2	4961	455.6	4465
6113138	88	3-5/8	11	534.6	358.9	600.5	5885	540.5	5296
6113140	96	4	12	629.6	422.7	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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