

APPLICATIONS

Vessel Primary Mooring Line
 General Working Line
 Tug Pendants
 Tug Main Tow Line
 Tug Messenger Line
 Davit Rope
 ETS Rope
 Lifting Sling (Static)

BENEFITS / FEATURES

Superior Abrasion Resistance
 Excellent Breaking Load
 Buoyant
 Durable
 Very Low Stretch
 Lightweight
 Easy to Splice
 Does not Kink

SPECIFICATIONS

Material	:	Coated UHMWPE Fiber
Specific Gravity	:	0,97 kg/dm ³
Construction	:	12 Strand Braided
UV Resistance	:	Excellent
Chemical Resistance	:	Excellent
Melting Point	:	147°C
Critical Temperature	:	65°C
Working Stretch	:	<1,5%
Fiber Water Absorption	:	None
Wet Abrasion	:	Excellent
Dry Abrasion	:	Excellent
Standard	:	-
Length	:	Upon Request

Other Colours & Larger Diameters Upon Request

DIA (mm)	Weight (kg/100m)	Min. B.Load (kgf) Unspliced	Min. B.Load (kgf) Spliced	DIA (inch)	Weight (lbs/100ft)	Min. B.Load (lbs) Unspliced	Min. B.Load (lbs) Spliced
16	15,10	25,194	22,515	5/8"	10,15	55,427	49,533
18	19,00	30,039	27,075	3/4"	12,77	66,086	59,565
20	23,20	36,822	32,300	13/16"	15,59	81,008	71,060
22	28,10	43,605	38,760	7/8"	18,88	95,931	85,272
24	33,10	50,350	45,543	1"	22,24	110,770	100,195
26	38,40	58,140	52,326	1-1/16"	25,80	127,908	115,117
28	44,50	65,892	59,109	1-1/8"	29,90	144,962	130,040
30	50,60	74,613	66,861	1-1/4"	34,00	164,149	147,094
32	57,50	84,303	75,582	1-5/16"	38,64	185,467	166,280
34	64,80	93,024	83,334	1 3/8"	43,55	204,653	183,335
36	72,00	100,776	91,086	1-1/2"	48,38	221,707	200,389
38	79,80	112,404	100,776	1-9/16"	53,63	247,289	221,707
40	88,10	122,094	109,497	1-5/8"	59,20	268,607	240,893
42	97,00	131,784	118,218	1-11/16"	65,18	289,925	260,080
44	106,00	141,474	126,939	1-3/4"	71,23	311,243	279,266
48	125,00	164,730	148,257	2"	84,00	362,406	326,165
50	135,50	177,812	159,885	2-1/16"	91,06	391,185	351,747
52	146,00	190,950	171,513	2-1/8"	98,11	420,090	377,329
56	169,00	218,994	196,707	2-1/4"	113,57	481,787	432,755
60	193,00	245,157	220,932	2-1/2"	129,70	539,345	486,050
64	220,00	275,196	248,064	2-5/8"	147,84	605,431	545,741
68	248,00	307,173	276,165	2-3/4"	166,66	675,781	607,563
72	278,00	341,088	307,173	3"	186,82	750,394	675,781
76	309,00	376,941	339,150	3-1/8"	207,65	829,270	746,130
80	343,00	416,670	375,003	3-1/4"	230,50	916,674	825,007
88	417,00	503,880	453,492	3-5/8"	280,22	1.108,536	997,682
96	497,00	567,324	538,764	4"	333,98	1.248,113	1.185,281

Spliced Break Load (All tests are in Accordance with ISO 2307)



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SUPER PREMIUM HMPE 12

