



TECHNICAL SPECIFICATIONS



Combining Small Diameters with High Breaking Strengths, the Tightest Rope with the Highest Breaking Strengths.



Diameter		Circumference	Weight	Minimum Breaking Strength*
(MM)	(INCH)	(INCH)	LB/100'	
5	3/16	9/16	1.0	4,900
6	1/4	3/4	1.6	7,700
8	5/16	1	2.7	12,300
9	3/8	1 1/8	3.6	17,600
11	7/16	1 1/4	4.2	21,500
12	1/2	1 1/2	6.4	30,600
14	9/16	1 3/4	7.9	36,500
16	5/8	2	10.2	47,500
18	3/4	2 1/4	13.3	58,000
22	7/8	2 3/4	19.6	81,700
24	1	3	21.8	98,100
28	1 1/8	3 1/2	31.9	133,000
30	1 1/4	3 3/4	36.2	149,000
32	1 5/16	4	41.8	166,000
34	1 3/8	4 1/8	45.0	185,000
36	1 1/2	4 1/2	51.7	205,000
40	1 5/8	5	65.2	255,000
44	1 3/4	5 1/2	78.4	302,000
48	2	6	87.0	343,000
52	2 1/8	6 1/2	109.0	411,000
56	2 1/4	7	116.0	484,000
60	2 1/2	7 1/2	148.0	529,000
64	2 5/8	8	167.0	595,000
68	2 3/4	8 1/2	187.0	662,000
72	3	9	206.0	749,000
80	3 1/4	10	244.0	915,000
96	4	12	343.0	1,270,000

* SPLICED STRENGTH

GENERAL	SECTORS
• 12-Strand Braided Rope Made of HMPE • Commonly Known as HMPE (High Modulus PolyEthylene) • Superior Abrasion Resistance • Very High Strength with Low Weight to Diameter Ratio • Easy in Handling and Operation • Comparable to Steel Wire Characteristics	• Passenger and Container Ships • Bulk Carriers • LNG and LPG Carrier Barges • Tugs, Harbor Towing and Dredgers • Fishing Vessels and Nets

TECHNICAL DATA	
Material:	Ultra – High Molecular Weight Polyethethylene
Construction:	12-Strand Braided
Treatment:	Marine Finish
Color of Rope:	Blue or Orange
Approx. Specific Density:	0.975 Floating
Melting Point:	145° C
Abrasion Resistance:	Excellent
U.V. Resistance:	Good
Temperature Resistance:	70°C Max Continuous
Chemical Resistance:	Excellent
Dry & Wet Conditions:	Wet Strength Equals Dry Strength

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