

To Recognize the Best Quality You Need to Know the Ropes

A line's performance is proportional to its inherent characteristics of strength, stretch, handling and chafe/abrasion resistance. The desired attributes for a given application are achieved by combining the proper fiber or fibers with the appropriate construction technique.

Today we use fibers such as nylon, polyester, Technora, Spectra, and Vectran in combination with a laid (twisted), braided or parallel core construction to perform the varied functions required by yachtsmen.

Before selecting a line, it is important to know how to recognize quality when comparing products; it can be difficult to distinguish the quality or type of fiber used. However, an examination of the finished product's construction can help predict performance.

High Performance Braids



NET900

T-900

Diameter Inches	Diameter Millimeter	Tensile Lbs.	Weight 100 FT	White		White with Color Fleck	
				Part Number	Price	Part Number	Price
1/4	6mm	4,400	2.4	NET90008W	1.36	NA	NA
5/16	8mm	7,300	3.5	NET90010W	1.92	NET90010*	1.92
3/8	10mm	10,000	5.5	NET90012W	2.75	NET90012*	2.75
7/16	11mm	14,300	6.7	NET90014W	3.26	NET90014*	3.26
1/2	12mm	17,000	8.0	NET90016W	4.03	NET90016*	4.03
9/16	14mm	23,100	10.8	NET90018W	5.22	NET90018*	5.22
5/8	16mm	30,200	14.0	NET90020W	6.61	NET90020*	6.61
3/4	18mm	37,500	16.0	NET90024W	8.31	NET90024*	8.31

Core braid consisting of a combination of Technora® and Spectra® fibers and a filament polyester cover. This design combines the best properties of two strong, low stretch fibers. Problems associated with the exclusive use of either of these fibers, such as the low abrasion resistance of Technora or the creep and excessive slipperiness of Spectra are virtually eliminated through the special blending of these two fibers in the core braid. As a result, this product is ideally suited for running rigging applications, or any application requiring very high strength and low elongation.

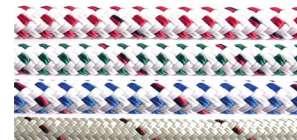
*Add Color Code: RF (red fleck), BLF (blue fleck), GF (green fleck)

A Note About T-900

Technora and Spectra are high-tech fibers whose characteristics of very high strength and very low stretch makes them ideal for running rigging. New England Ropes has made ropes with 100 percent Spectra or 100 percent Technora cores, but recognizes that each has its shortcomings. Careful blending of these fibers yields improved performance. The super slippery Spectra lubricates Technora fibers for longer service life. Technora prevents creep and core slippage associated with Spectra. Special processing techniques control the fiber distribution and tension during and after the blending process. The result is the best performing yachting rope available.

Endura Braid

Diameter Inches	Diameter Millimeters	Tensile Lbs.	Weight 100 FT	White		White with Color Fleck	
				Part Number	Price	Part Number	Price
5/16	8mm	7,000	2.7	NEEND10W	2.07	NEEND10*	2.11
3/8	10mm	10,000	3.9	NEEND12W	2.90	NEEND12*	2.96
7/16	11mm	14,000	5.3	NEEND14W	3.63	NEEND14*	3.71
1/2	12mm	19,000	6.9	NEEND16W	4.70	NEEND16*	4.80
9/16	14mm	25,200	8.8	NEEND18W	5.92	NEEND18*	6.04
5/8	16mm	33,000	10.8	NEEND20W	7.39	NEEND20*	7.54



NEEND

Endura Braid is the latest double braid high tech rope using Ultra High Molecular Weight Polyethylene (UHMWPE). This double braid construction consists of a 12-strand Dyneema SK75/Spectra 1000 core treated with Marine Tech™ coating, and a durable 24-carrier braided polyester cover for increased abrasion resistance and better handling. Color fleck matches core color.

*Add Color Code: RF (red fleck), BLF (blue fleck), GF (green fleck)

Endura 12

Diameter Inches	Diameter Millimeters	Tensile Lbs.	Weight 100 FT	Part Number	Price
1/8	3mm	2,100	0.4	NEEND1204*	0.56
3/16	5mm	5,800	0.6	NEEND1206*	1.03
1/4	6mm	8,500	1.6	NEEND1208*	1.52
5/16	8mm	13,300	2.5	NEEND1210*	2.41
3/8	10mm	19,000	3.5	NEEND1212*	3.20
7/16	11mm	24,000	4.8	NEEND1214*	4.22



NEEND12

Endura 12 is 100% Dyneema SK75/Spectra 1000 single braid treated with Marine Tech™ coating for abrasion and UV resistance. Highest strength-to-weight ratio with highest tensile strength of any UHMWPE 12-strand. Lightweight and will not absorb water.

*Add Color Code: C (clear), R (red), BL (blue), G (grey)