

3-Strand Ropes

Three Strand Rope

When selecting 3-strand rope look for the following characteristics:

Rope should be firm but flexible. A firm Rope will resist chafing, snagging, wear, and does not hockle or kink. Test the rope by flexing it a bit. It should require effort to open the lay of the rope for inserting the first tuck of a splice. The effort is light for a small size such as 1/4" and great for 5/8" or 3/4". If it opens easily, it is too soft and will not last.

The 3-strands should lay smoothly and uniformly within the rope so they all work together and wear evenly. Sight down a length. If it appears slightly "wavy" and uneven, there is a high or low strand and the rope is "out of lay". Don't buy it.

Nylon and Polyester (Dacron) fibers are very fine (smaller than a human hair) and, therefore, fragile. Consequently, they should be laid into a rope with sufficient twist in the yarns and strands to form a round, firm, balanced structure that resists snagging and wear. Push your thumbnail into the strand. It should not be soft and punky.

The rope should be heat stabilized to precondition the rope and keep shrinking and hardening to a minimum.

Premium 3-Strand Nylon

Diameter Inches	Diameter Millimeters	Tensile Lbs.	Weight 100 FT	Part Number White	Price	Part Number Black*	Price
3/16	5mm	1,200	1.0	NEN306W	0.15	NEN306BK	0.19
1/4	6mm	2,000	1.5	NEN308W	0.22	NEN308BK	0.28
5/16	8mm	3,000	2.5	NEN310W	0.32	NEN310BK	0.43
3/8	9mm	4,400	3.5	NEN312W	0.42	NEN312BK	0.56
7/16	11mm	5,900	5.0	NEN314W	0.59	NEM314BK	0.79
1/2	12mm	7,500	6.5	NEN316W	0.73	NEN316BK	0.99
9/16	14mm	9,400	8.2	NEN318W	0.95	NEN318BK	1.28
5/8	16mm	12,200	10.5	NEN320W	1.16	NEN320BK	1.57
3/4	19mm	16,700	14.5	NEN324W	1.63	NEN324BK	2.20
7/8	22mm	23,500	20.0	NEN328W	2.20	NEN328BK	2.96

NEN3



Premium 3-strand filament nylon. Highest strength and elongation. Ideal for uses requiring high energy absorption. The combination of premium-grade nylon, four-stage construction, and a special marine coating results in improved handling, greater chafe resistance, minimal hardening and longer life. Good UV resistance. Not affected by common alkalis or acids. Should not be exposed to strong mineral acids.

*Available in black by special order. Call for larger sizes

3-Strand Filament Polyester



NEPE3F

Diameter Inches	Diameter	Tensile Lbs.	Weight 100 FT	Part Number	Price
3/16	5mm	1,200	2.3	NEPE3F06	0.18
1/4	6mm	2,000	2.0	NEPE3F08	0.28
5/16	8mm	3,000	3.1	NEPE3F10	0.39
3/8	9mm	4,400	4.5	NEPE3F12	0.56
7/16	11mm	5,900	6.2	NEPE3F14	0.77
1/2	12mm	7,500	8.0	NEPE3F16	0.93
5/8	16mm	11,700	13.0	NEPE3F20	1.44
3/4	19mm	14,700	17.5	NEPE3F24	2.05
7/8	22mm	21,000	25.0	NEPE3F28	2.89

Classic 3-Strand Filament Polyester. Traditional low stretch running rigging. A continuous filament three-strand polyester rope. Excellent abrasion resistance with low stretch and high strength. Used for haylards and control lines on dinghies and traditional boats. Easy to splice.

3-Strand Spun Polyester



NEPE3S

Diameter Inches	Diameter	Tensile Lbs.	Weight 100 FT	Part Number	Price
3/16	5mm	700	1.1	NEPE3S06	0.36
1/4	6mm	1,200	1.7	NEPE3S08	0.26
5/16	8mm	1,800	2.7	NEPE3S10	0.38
3/8	9mm	2,500	3.6	NEPE3S12	0.53
7/16	11mm	3,300	4.8	NEPE3S14	0.74
1/2	12mm	3,800	6.4	NEPE3S16	0.89
5/8	16mm	5,700	10.3	NEPE3S20	1.38
3/4	19mm	7,500	14.3	NEPE3S24	1.97

Classic 3-Strand Spun Polyester. For a Traditional Look and Feel. A conventional three strand spun polyester rope. A soft (fuzzy), free running rope that resists jamming and kinking. Used on classic boats and dinghies for halyards, sheets and control lines. Also used as sailmakers' bolt rope.