Nylon Rope

Nylon was the first of the synthetic fibers to be used in rope. It is still a dominant fiber and finds its greatest use in the marine field. High-energy absorption and strength make nylon ropes superior for towing, mooring, pennants, and anchoring.

Features:

- Strongest of the conventional ropes
- Stretch is about 12x that of manila and double that of polyester
- Nylon is 10-15% weaker when wet than dry - strength returns when dry - will not rot
- Sunlight degrades all synthetic fibers - second only to polyester in resistance but better than polypropylene - protect from sunlight whenever possible
- Excellent resistance to alkalis and most solvents - resistance to acids only fair, particularly sulfuric, hydrochloric, and nitric
- Good to excellent abrasion resistance when dry - less when wet - avoid grit from penetrating into or between strands

Premium Nylon Rope

PIN #	Nominal Diameter in	Approx. Wt/* lb / 100 Ft	Minimum Tensile lb
08NYR33601	1/4	1.57	1490
10NYR33601	5/16	2.45	2300
12NYR33601	3/8	3.55	3340
16NYR33601	1/2	6.3	5750
20NYR33601	5/8	9.9	9000
24NYR34601**	3/4	14.3	11300

*Stocked in 600 Ft Cartons (Some smaller sizes also in 1200 Ft Cartons)

** PIN# for Black - other PIN#s refer to white***
Available in other diameters upon request

D/S Composite Double Braid Rope

D/S Composite is a double braided rope with an inner core made of Spectra® and outer sleeve of polyester.

D/S Composite has very low elongation, high strength, and the feel and handling of polyester double braid.

D/S Composite comes standard with an overlay marine finish and is available on special order with a spliceable polyurethane finish in clear or any of six colors.

- High Strength
- Low Stretch
- Soft Hand
- Torque Free
- Easy Splicing

D/S Composite Double Braid

Nom. Diameter *		Size Number (Circ)	Approx. Weight		Min. Tensile Strength **	
in	mm		lb/ 100ft	kg/100 M	Pounds	kN
1/2	12	1-1/2	8.3	12.3	13,950	62.0
5/8	16	2	12.5	18.6	24,600	109.4
3/4	18	2-1/4	15.9	23.7	31,500	140.1
7/8	22	2-3/4	24.9	37.1	44,800	199.3
1	24	3	30.8	45.8	51,600	229.5
1-1/8	28	3-1/2	36.8	54.8	65,500	291.4
1-1/4	30	3-3/4	42.6	63.4	72,700	323.4
1-1/2	36	4-1/2	64.0	95.2	100,000	444.8
2	48	6	107	159.2	165,000	734.0

* Available in other diameters.
** Tensile Strengths are determined in accordance with Cordage Institute 1500, Test Methods for Fiber Rope. Weights are calculated at linear density under standard preload (200d2) plus 4%.