



NYLON DOUBLE BRAID

NN REV 008
15 SEP 06

Nylon Double Braid is the preferred choice for applications requiring high strength with excellent shock absorbing properties. Nylon Double Braid has good resistance to abrasion, sunlight and chemicals. Due to its high elongation, nylon is almost always used in applications involving shock loading such as anchor lines and mooring lines.

Nylon Double Braid comes standard with an overlay marine finish.

- High stretch
- High strength
- Excellent shock absorption
- Soft hand
- Torque free
- Meets MIL-DTL-24050E

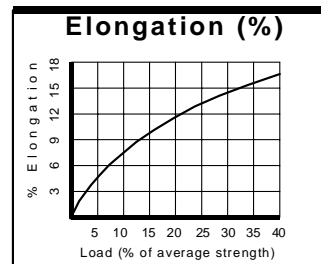
Type Approved Product



Nominal Diameter		Size Number (circ)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100ft	Kg/100m	Pounds	kN
1/4	6	3/4	1.7	2.5	1,900	8.5
5/16	8	1	2.6	3.9	2,900	12.9
3/8	9	1-1/8	3.7	5.5	4,200	18.7
7/16	11	1-1/4	5.1	7.6	5,700	25.4
1/2	12	1-1/2	6.6	9.8	7,400	32.9
9/16	14	1-3/4	9	13.4	10,200	45.4
ABS AND DNV TYPE APPROVED SIZES						
5/8	16	2	11.6	17.2	14,800	65.8
3/4	18	2-1/4	14.7	21.9	19,000	84.5
7/8	22	2-3/4	21.8	32.4	28,300	125.9
1	24	3	26.0	38.7	33,500	149.0
1-1/16	26	3-1/4	31.0	46.1	39,000	173.5
1-1/8	28	3-1/2	35.4	52.7	44,900	199.7
1-1/4	30	3-3/4	40.7	60.6	52,300	232.6
1-5/16	32	4	46.3	68.9	58,800	261.6
1-1/2	36	4-1/2	58.4	86.9	74,000	329.2
1-5/8	40	5	72.3	107.6	92,400	411.0
1-3/4	44	5-1/2	87.7	130.5	110,900	493.3
2	48	6	103.9	154.6	131,500	584.9
2-1/8	52	6-1/2	122.0	181.6	152,800	679.7
2-1/4	56	7	141.2	210.1	181,000	805.1
2-1/2	60	7-1/2	162.6	242.0	201,000	894.1
2-5/8	64	8	185.1	275.5	222,000	987.5
2-3/4	68	8-1/2	201.2	299.4	248,000	1103.2
3	72	9	234.3	348.7	277,000	1232.2
3-1/4	80	10	288.9	430.0	341,000	1516.8
3-5/8	88	11	349.9	520.7	409,000	1819.3
4	96	12	416.2	619.4	475,000	2112.9
4-1/4	104	13	481.5	716.6	549,000	2442.1

Tensile Strengths are determined in accordance with Cordage Institute 1500, Test Methods for Fiber Rope. With extended immersion in water, all nylon ropes will lose up to 10% of their strength. Weights are calculated at linear density under standard preload (200d²) plus 7%. See reverse side for application and safety information.

Please note that the Minimum Tensile Strengths of Black Nylon Double Braid products are normally 10% below published specifications. Type Approval of Nylon Double Braid does not apply to Black Nylon Double Braid.



Specific gravity	1.14*
Melting point	414° F (212° C)*
Critical temp.	300° F (149° C)*
Coefficient of friction	0.12 - 0.15*
Elongation at break	30% - 35%
Fiber water absorption	3% - 5%
UV resistance	good
Wet abrasion	excellent
Dry abrasion	excellent

* - value based on data supplied by the fiber manufacturer for new, dry fiber



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