



NYLON 12 PLAIT

N2 REV 008
15 SEP 06

Nylon 12 Plait provides high strength, high elongation and excellent abrasion resistance in a single braid construction. Nylon 12 Plait is easily spliced using a standard tuck splice and is 25% stronger than three strand or 8 plait nylon. Its torque free braided construction provides easy handling and prevents kinks and hockles.

Nylon 12 Plait comes standard with an overlay marine finish.

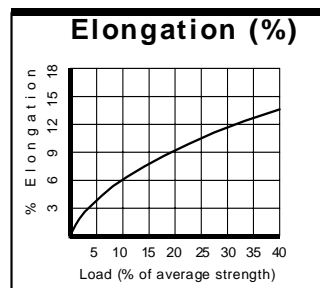
- High stretch
- High strength
- Excellent shock absorption
- Soft hand
- Torque free
- Easy splicing

ALL SIZES ABS AND DNV TYPE APPROVED						
Nominal Diameter		Size Number (circ)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100ft	Kg/100m	Pounds	kN
5/8	16	2	11.0	16.4	13,900	61.8
3/4	18	2-1/4	15.0	22.3	17,900	79.6
7/8	22	2-3/4	22.6	33.6	26,200	116.5
1	24	3	26.3	39.1	30,100	133.9
1-1/8	28	3-1/2	33.8	50.3	39,400	175.3
1-1/4	30	3-3/4	39.5	58.8	45,400	201.9
1-5/16	32	4	45.1	67.1	51,200	227.7
1-1/2	36	4-1/2	56.4	83.9	64,800	288.2
1-5/8	40	5	67.7	100.8	76,300	339.4
1-3/4	44	5-1/2	79.0	117.6	92,100	409.7
2	48	6	95.9	142.7	106,500	473.7
2-1/8	52	6-1/2	113	168.2	128,000	569.4
2-1/4	56	7	135	200.9	152,000	676.1
2-1/2	60	7-1/2	152	226.2	170,000	756.2
2-5/8	64	8	169	251.5	189,000	840.7
2-3/4	68	8-1/2	192	285.7	214,000	951.9
3	72	9	222	330.4	245,000	1089.8
3-1/4	80	10	271	403.3	288,000	1281.1
3-5/8	88	11	321	477.7	338,000	1503.5
4	96	12	389	578.9	418,000	1859.4

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 12 Plait products are normally 15% below published specifications. Type Approval of Nylon 12 Plait does not apply to Black Nylon 12 Plait.

Type Approved Product



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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