



# N/P COMPOSITE DOUBLE BRAID

NP REV 007  
15 SEP 06

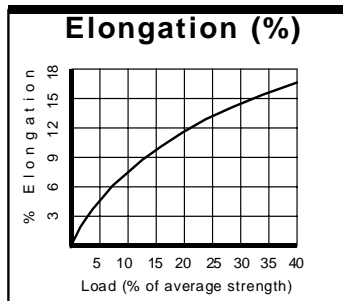
N/P Composite is a double braided rope with the inner core made of multifilament polypropylene and the outer sleeve of nylon. N/P composite combines the excellent sunlight and abrasion resistance of nylon with the flotation of polypropylene. It has a standard specific gravity of 1.01 and is available on special order with a specific gravity of 0.99.

N/P composite Braid comes standard with an overlay marine finish.

- Moderate stretch
- High strength
- Soft hand
- Torque free
- Floats in sea water

Nominal Diameter		Size Number (circ)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100ft	Kg/100m	Pounds	kN
5/8	16	2	10.5	15.6	9,800	43.6
3/4	18	2-1/4	13.8	20.5	12,900	57.4
7/8	22	2-3/4	19.4	28.9	18,100	80.5
1	24	3	23.6	35.1	21,800	97.0
1-1/8	28	3-1/2	31.9	47.5	29,400	130.8
1-1/4	30	3-3/4	37.9	56.4	34,700	154.4
1-5/16	32	4	42.8	63.7	39,000	173.5
1-1/2	36	4-1/2	53.6	79.8	48,000	213.5
1-5/8	40	5	63.8	94.9	57,800	257.1
1-3/4	44	5-1/2	80.6	119.9	72,000	320.3
2	48	6	92.6	137.8	83,200	370.1
2-1/8	52	6-1/2	111	165.2	98,400	437.7
2-1/4	56	7	129	192	113,000	502.6
2-1/2	60	7-1/2	145	215.8	129,000	573.8
2-5/8	64	8	169	251	146,000	649.4
2-3/4	68	8-1/2	186	276.8	163,000	725.1
3	72	9	210	312.5	182,000	809.6
3-1/4	80	10	259	385.4	221,000	983.1
3-5/8	88	11	314	467.3	263,000	1169.9
4	96	12	371	552.1	310,000	1378.9
4-1/4	104	13	443	659.3	363,000	1614.7

Tensile Strengths are determined in accordance with Cordage Institute 1500, Test Methods for Fiber Rope. Weights are calculated at linear density under standard preload (200d<sup>2</sup>) plus 7%. See reverse side for application and safety information.



Specific gravity	1.01*
Melting point	284° F (140° C)*
Critical temp	200° F (93° C)*
Coefficient of friction	0.12 - 0.15*
Elongation at break	30% - 35%
Fiber water absorption	3% - 4%
UV resistance	good
Wet abrasion	good
Dry abrasion	good

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



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