



# CO-POLYMER 12 PLAIT

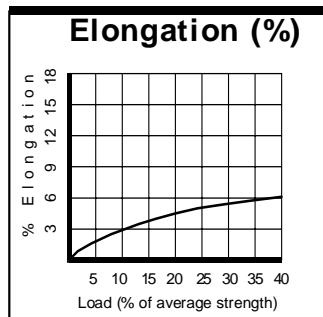
**C2 REV 007**  
12 SEP 06

Co-polymer Olefin 12 plait provides high strength, light weight and excellent abrasion resistance in a single braid construction. Co-polymer Olefin 12 Plait is easily spliced using a standard tuck splice and is 40% stronger than three strand or 8 plait polypropylene. Its torque free braided construction provides easy handling and prevents kinks and hockles.

- Floats
- High strength
- Excellent abrasion Resistance
- Torque free
- Easy splicing
- Excellent UV Resistance

Nominal Diameter		Size Number (circ)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100ft	Kg/100m	Pounds	kN
5/8	16	2	8.6	12.8	9,500	42.3
3/4	18	2-1/4	10.8	16.1	11,900	52.9
7/8	22	2-3/4	14.0	20.8	15,400	68.5
1	24	3	20.3	30.2	22,300	99.2
1-1/8	28	3-1/2	24.5	36.5	26,900	119.7
1-1/4	30	3-3/4	27.0	40.2	29,700	132.1
1-5/16	32	4	31.9	47.5	34,000	151.2
1-1/2	36	4-1/2	39.2	58.3	41,000	182.4
1-5/8	40	5	50.4	75	54,000	240.2
1-3/4	44	5-1/2	58.8	87.5	62,000	275.8
2	48	6	71.4	106.3	76,000	338.1
2-1/8	52	6-1/2	84.0	125	90,000	400.3
2-1/4	56	7	96.6	143.8	103,000	458.2
2-1/2	60	7-1/2	109	162.2	115,000	511.5
2-5/8	64	8	126	187.5	132,000	587.2
2-3/4	68	8-1/2	132	196.4	141,000	627.2
3	72	9	160	238.1	170,000	756.2
3-1/4	80	10	193	287.2	210,000	934.1
3-5/8	88	11	238	354.2	250,000	1112.1
4	96	12	280	416.7	295,000	1312.1

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 6%. See reverse side for application and safety information.



Specific gravity	0.94*
Melting point	279° F (137° C)*
Critical temp.	140° F (60° C)*
Coefficient of friction	0.16- 0.18*
Elongation at break	20% - 25%
Fiber water absorption	0% - 1%
UV resistance	excellent
Wet abrasion	very good
Dry abrasion	excellent

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



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