



POLYESTER 12 STRAND

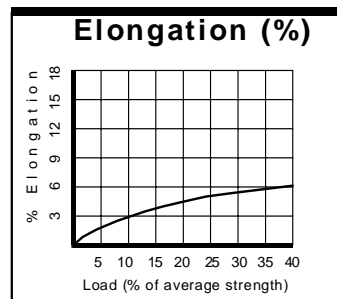
D3 REV 007
12 SEP 06

Polyester 12 Strand has the lowest stretch and highest strength of all Polyester constructions. Its torque free braided construction provides easy handling and prevents kinks and hockles. Polyester 12 Strand comes standard with a clear polyurethane finish and is easily spliced using a simple lockstitch type splice.

- Low stretch
- High strength
- Soft hand
- Torque free
- Easy splicing

Nominal Diameter		Size Number (circ)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100ft	Kg/100m	Pounds	kN
3/8	9	1-1/8	4.2	6.3	6,100	27.1
7/16	11	1-1/4	6.3	9.4	9,000	40.0
1/2	12	1-1/2	8.5	12.6	10,900	48.5
9/16	14	1-3/4	10.1	15	13,600	60.5
5/8	16	2	13.1	19.5	17,500	77.8
3/4	18	2-1/4	17.2	25.6	21,900	97.4
7/8	22	2-3/4	25.8	38.4	28,500	126.8
1	24	3	34.5	51.3	41,000	182.4
1-1/8	28	3-1/2	40.0	59.5	47,500	211.3
1-1/4	30	3-3/4	44.5	66.2	56,700	252.2
1-5/16	32	4	53.1	79	59,800	266.0
1-1/2	36	4-1/2	69.0	102.7	69,800	310.5
1-5/8	40	5	82.5	122.8	83,000	369.2
1-3/4	44	5-1/2	96.1	143	98,000	435.9
2	48	6	117	174.1	120,000	533.8

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 5%. See reverse side for application and safety information.



Specific gravity	1.38*
Melting point	482° F (250° C)*
Critical temp.	350° F (177° C)*
Coefficient of friction	0.12 - 0.15*
Elongation at break	15% - 20%
Fiber water absorption	0% - 1%
UV resistance	excellent
Wet abrasion	excellent
Dry abrasion	excellent

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



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