



D/S COMPOSITE DOUBLE BRAID

DS REV 009
12 SEP 06

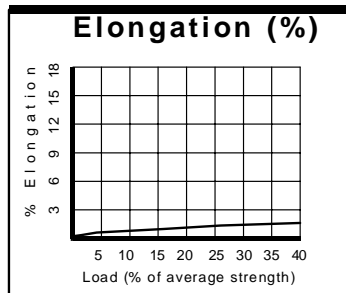
D/S Composite is a double braided rope with the inner core made of Spectra® and the outer sleeve of polyester. D/S Composite has very low elongation, high strength and the feel and handling of polyester double braid.

D/S Composite comes standard with an overlay marine finish and is available on special order with a spliceable polyurethane finish in clear or any of six colors.

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

Nominal Diameter		Size Number (circ)	Approximate Weight		Minimum Tensile Strength	
Inch	MM		Lbs/100ft	Kg/100m	Pounds	kN
7/16	11	1-1/4	6.1	9.0	9,900	44.0
1/2	12	1-1/2	8.3	12.3	13,950	62.0
9/16	14	1-3/4	10.1	15.0	18,800	83.6
5/8	16	2	12.5	18.6	24,600	109.4
3/4	18	2-1/4	15.9	23.7	31,500	140.1
7/8	22	2-3/4	24.9	37.1	44,800	199.3
1	24	3	30.8	45.8	51,600	229.5
1-1/8	28	3-1/2	36.8	54.8	65,500	291.4
1-1/4	30	3-3/4	42.6	63.4	72,700	323.4
1-5/16	32	4	49.7	74	79,500	353.6
1-1/2	36	4-1/2	64.0	95.2	100,000	444.8
1-5/8	40	5	76.0	113.1	120,000	533.8
1-3/4	44	5-1/2	89.8	133.6	139,000	618.3
2	48	6	107	159.2	165,000	734.0
2-1/8	52	6-1/2	125	186	183,000	814.0
2-1/4	56	7	141	209.8	215,000	956.4
2-1/2	64	7-1/2	174	258.9	236,000	1049.8

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 4%. See reverse side for application and safety information.



Specific gravity	1.20*
Melting point (core)	284° F (140° C)*
Critical temp. (core)	150° F (65° C)*
Coefficient of friction	0.12-0.15*
Elongation at break	6%-8%
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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