



# Braided Ropes



## Double Braided Ropes

Double braid ropes are available in a variety of combinations of fibers. Polyester cover/polyester core ropes provide high strength, low stretch, and excellent abrasion resistance. Polyester cover/nylon core provide higher strength, more stretch, and excellent abrasion resistance. Nylon cover/nylon core provides good strength, higher stretch, but less abrasion resistance than polyester covers. All three ropes can be coated with a urethane product to enhance abrasion resistance.

Nominal Size*		Polyester/Polyester		Polyester/Nylon		Nylon/Nylon	
Dia.	Cir.	Wt. Lbs/100 Ft	Avg Tensile Strength	Wt. Lbs/100 Ft	Avg Tensile Strength	Wt. Lbs/100 Ft	Min. Tensile Strength
1/2"	1-1/2"	8.9	9,900	6.4	8,300	7.8	7,500
5/8"	2"	14.2	15,600	12.0	14,700	12.8	11,660
3/4"	2-1/4"	18.0	19,600	16.0	20,000	17.6	16,610
1"	3"	36.8	37,500	26.0	33,000	31.5	29,480
1-1/4"	3-3/4"	54.0	54,500	41.0	50,600	47.0	50,400

\*Available in other diameters from 1/4" to 4" by special order.

### APPLICATIONS:

- Polyester Cover / Polyester Core - Ship Assist Lines, Mooring Lines, Deep Water Mooring Lines, Winch Lines, Stringing Lines, Underground Pulling Lines, Guy Lines, Slings, Bull Ropes
- Polyester Cover / Nylon Core - Headlines, Stringing Lines, Ship Mooring Lines, Winch Lines
- Nylon Cover / Nylon Core - Mooring Lines, Towing Lines, Anchoring Lines

## Spectron II

The maximum in high strength and low elongation, the construction yield the ultimate in double braid performance. Constructed with 100% Spectra® fiber braided core and a firmly braided Parallay polyester cover. Available in standard commercial and bulk put-ups in white color with red I.D. marker strands.

Characteristics include:

- Excellent di-electric/resonance properties
- Reduces drag weight and stretch
- Can be used with standard D/d sheave ratios for Samson Braids.

Dia.	Cir.	Wt. Lbs/100 Ft	Avg Tensile Strength
1/2"	1-1/2"	8.30	15,500
5/8"	2"	12.60	27,000
3/4"	2-1/4"	16.00	35,000
1"	3"	30.60	57,000
1-1/4"	3-3/4"	42.60	81,000

\*Available in other diameters from 1/4" to 4" by special order.

### APPLICATIONS:

- Utility Winch Lines
- Lifting Slings
- Pilot/Fish Lines
- Fiber Optic Pulling
- T&D Pulling Lines
- Mooring Lines
- Towing Lines
- Deep Water Mooring Lines
- Lifting Lines
- Mooring Pendants
- Alternative to Wire Rope

**Please refer to the Warning notice at the end of this section concerning Working Load Limits.**