



# ROPE SPECS

**BREAKING STRENGTH:** Greater line holding working loads are achieved by increasing the diameter of the line. Standard working loads on sheets, halyards and control lines are usually calculated at 20% of a line's Breaking Strength. Match the diameter of the line to the application.

**STRETCH:** In general, performance sailors who fly sails that don't stretch need low-stretch, high modulus line. Family cruisers or day sailors want long-lasting, UV-resistant lines, but can benefit from low stretch line in certain applications like a halyard for a roller-furling jib that requires a rope with lower stretch.



## AMSTEEL-BLUE DYNEEMA® AS-78 SINGLE BRAID

BREAKING STRENGTH									STRETCH @ 20% Breaking Strength
DIA.	7/64"	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	
LBS.	1,600	2,500	5,400	8,600	13,700	19,600	23,900	34,000	.70%

12-strand braided SK-78 Dyneema®. Stronger than wire construction, yet floats; high strength/low stretch; wear resistant. Replacements for wire halyards, tapered sheets, backstays and runners.



## HTS-78 DYNEEMA® SINGLE BRAID

DIA.	5/64"	1/8"	3/16"	1/4"					.70%
LBS.	1,000	2,800	6,050	9,700					

12-strand braided SK-78 Dyneema®. Stronger than steel/high tensile strength; excellent abrasion and UV resistance. Replacements for wire halyards, tapered sheets, backstays and runners.



## HTS-90 SINGLE BRAID

DIA.	3mm	5mm	6mm	8mm	10mm				.68%
LBS.	3,400	8,900	12,000	16,300	25,500				

12-strand SK-90 Dyneema®. Ultra low stretch and high strength, developed for America's Cup use. Headsail and main halyards, control lines, asymmetric tacklines, afterguys, vang systems, strops and soft shackles.



## V-12 VECTRAN SINGLE BRAID

DIA.	3mm	4mm	5mm	6mm	8mm				.71%
LBS.	2,100	3,300	4,950	7,200	10,900				

12-strand braided 100% Vectran. Ultra-high strength/ultra-low stretch and creep; excellent abrasion and water resistant. Backstays, checkstays and halyards on racing boats and megayachts.



## T-900 TECHNORA/DYNEEMA DOUBLE BRAID

DIA.	6mm	8mm	10mm	11mm	12mm	14mm	16mm			1.20%
LBS.	4,700	6,800	11,000	14,300	15,700	21,750	29,800			

Technora/SK-78 Dyneema® core with polyester cover. Extremely strong, low stretch, durable, lightweight, no moisture absorption, and no creep. Afterguys, genoa sheets, halyards, spinnaker sheets and running backstays.



## V-100 VECTRAN DOUBLE BRAID

DIA.	6mm	8mm	10mm	11mm	12mm	16mm	16mm			.71%
LBS.	4,600	8,600	12,600	17,200	19,200	23,500	26,000			

12-strand coated Vectran core with braided polyester cover. Stronger than T-900; a low stretch, durable line with virtually no creep. High performance racing: halyards, sheets, guys and running backstays.

PERFORMANCE SINGLE & DOUBLE BRAID



## ENDURA BRAID DYNEEMA® DOUBLE BRAID

12-strand coated SK-78 Dyneema® core with braided polyester twill cover. Excellent flexibility, torque-free, superb handling competition-grade line that splices and tapers easily. Low-stretch sheets, halyards & controls.

BREAKING STRENGTH						STRETCH @ 20% Breaking Strength
DIA.	6mm	8mm	10mm	11mm	12mm	
LBS.	4,500	8,100	11,000	14,900	21,500	.65%



## WARPSPEED® II DYNEEMA® DOUBLE BRAID

Samthane-coated 100% SK-78 Dyneema® core with 24-strand polyester. High strength, low stretch and lightweight double braid; excellent resistance to elements. Low stretch sheets, halyards and controls.

DIA.	6mm	8mm	10mm	11mm	12mm	14mm	STRETCH @ 20% Breaking Strength
LBS.	5,100	6,200	9,800	14,000	21,000	26,500	



## FLIGHT LINE POLYPRO DOUBLE BRAID

SK-78 Dyneema® core with 100% XLFI cover. Strong, lightweight, flexible line that floats, splices and tapers easily and will not absorb water. Soft on the hands and gets even softer with use. Perfect for mainsheets and spinnaker sheets.

DIA.	6mm	8mm	9.5mm	STRETCH @ 20% Breaking Strength
LBS.	2,500	4,000	4,700	



## MLX DOUBLE BRAID

Samthane-coated Dyneema® core with 24-strand polyester cover. Low stretch, low weight and good handling with reasonable cost. Sheets, halyards, control line on performance cruisers and club racers.

DIA.	1/4"	5/16"	3/8"	7/16"	1/2"	STRETCH @ 20% Breaking Strength
LBS.	3,800	4,500	7,200	9,500	15,000	



## VPC™ HYBRID PERFORMANCE BRAID

Vectran and polyolefin core with UV resistant polyester cover. High strength, low stretch alternative to high tech line. Sheets and halyards on club racers and offshore cruisers.

DIA.	6mm	8mm	10mm	11mm	12mm	STRETCH @ 20% Breaking Strength
LBS.	3,200	5,500	6,500	8,500	10,200	



## XLS EXTRA-T DOUBLE BRAID

SK-75 Dyneema® and MFP/Olefin braid core with 24-strand polyester core. Higher strength/lighter weight than polyester double braid. Sheets and halyards on performance cruisers and club racers.

DIA.	5/16"	3/8"	7/16"	1/2"	STRETCH @ 20% Breaking Strength
LBS.	3,800	5,100	7,000	9,400	



## REGATTA LITE POLYPROPYLENE BRAID

Braided propylene core. Super lightweight dry or wet, but at the expense of durability and stretch; kink-free and floats. Free-running line that dinghy sailors love.

DIA.	1/4"	5/16"	3/8"	STRETCH @ 20% Breaking Strength
LBS.	1,050	2,560	3,200	



## REGATTA POLYESTER SINGLE BRAID

Spun polyester. Soft spun line that is easy on the hands, yet knobby surface is easy to grip, even when wet; non-kinking and has good abrasion resistance. Sheets and tackle systems on all boats.

DIA.	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	STRETCH @ 20% Breaking Strength
LBS.	2,550	3,300	4,800	6,500	8,000	12,000	



## SALSA DYNEEMA® SINGLE BRAID

SK-78 Dyneema®/spun filament polyester. High tec version of Regatta Braid. Exceptionally strong but soft to grip with reduced stretch. Kink-free, easy to grip sheet for larger dinghies and keelboats.

DIA.	6mm	8mm	10mm	STRETCH @ 20% Breaking Strength
LBS.	2,850	4,000	5,000	



## STA-SET POLYESTER YACHT BRAID

BREAKING STRENGTH										STRETCH
DIA.	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	@ 20% Breaking Strength
LBS.	1,400	2,350	3,850	5,100	7,000	10,100	11,700	16,900	23,500	2.80%

Braided polyester core with continuous filament braided polyester cover. A great balance of stretch, strength, suppleness, abrasion resistance and cost. Sheets, control lines and halyards on cruising boats, handheld control lines on all boats.



## STA-SET X PARALLEL CORE BRAID

DIA.	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"		1.95%
LBS.	1,900	2,800	4,400	5,300	7,700	9,700	13,200	14,500		

Polyester braid with parallel core construction with filament/spun polyester cover. Affordable lower-stretch halyard upgrade from regular Sta-Set. Sheets, control lines & halyards on cruising boats, handheld control lines on all boats.



## T-100 TECHNORA DOUBLE BRAID

DIA.	3/32"	1/8"	5/32"							1.20%
LBS.	1,050	2,000	2,900							

100% Technora core with braided polyester. High strength and abrasion-resistant rope in small diameters; easy to render and splice. Very low stretch lashings, micro-sized purchase systems and control lines.



## MINI-V VECTRAN DOUBLE BRAID

DIA.	2mm	3mm	4mm							.71%
LBS.	270	900	1,400							

Braided vectran core with abrasion-resisting polyester cover. Good for small boat control lines and any applications needing micro-sized no-stretch braid.



## SPYDERLINE MICRO DYNEEMA® BRAID

DIA.	1.8mm	2.8mm	3.8mm							1.6%
LBS.	350	1,200	1,860							

SK-78 Dyneema® core with polyester double braid cover. Superior strength for its tiny diameter; flexible yet firm; also available in spools of 50', 75', 100'. Small leads, micro blocks, purchase systems, dinghy control lines



## DINGHY CONTROL LINE

DIA.	3mm	4mm	5mm	6mm						.76%
LBS.	990	1,540	2,640	3,630						

16-plait SK-78 Dyneema® core with 32-plait polyester cover. Combines high strength/comfortable handling with ultra-low stretch/ultra-light weight; strippable cover/color-coded core. Ideal for main and jib halyards, downhaul/outhaul control lines.



## DINGHY LIGHT

DIA.	6mm	8mm								6.18%
LBS.	1,100	1,870								

8-plait polypropylene core with 40-plait polypropylene cover. Very light, ultra-low water absorption, abrasion resistant and floats. Light air jib, main and spinnaker sheets, small boat halyards and control lines.



## DINGHY SHEET

DIA.	6mm	7mm	8mm							8.93%
LBS.	935	1,320	1,650							

Polyester core with polyester/taslan cover. Compact round shape for a fantastic grip; abrasion and UV resistant. Kink-free line for long dinghy mainsheets, small boat halyards and control lines.



## DINGHY VECTRAN DOUBLE BRAID

DIA.	2mm	3mm	4mm							.70%
LBS.	396	990	1,760							

12-strand coated SK-78 Dyneema® core with braided polyester twill cover. Higher strength/lighter weight than polyester double braid; splices and tapers easily; good chafe protection and smooth running through purchase systems and control lines.



**DOUBLE BRAID NYLON**

BREAKING STRENGTH							STRETCH	
DIA.	3/8"	7/16"	1/2"	5/8"	3/4"	1"	@ 20% Breaking Strength	
LBS.	4,800	6,700	8,000	13,100	20,500	31,000		
							6.0-6.5%	

Premium nylon with high quality marine coating. Stronger than three-strand nylon by 15% and stretches less; abrasion resistant and reduced shrinkage; ideal for anchoring and docking.



**MEGA BRAID NYLON SINGLE BRAID**

*(Breaking strength numbers are for white three strand nylon. Black is 10-15% less pounds)*

DIA.	5/6"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"	10%
LBS.	10,300	13,400	21,000	24,900	28,000	41,000	48,000	

12-strand single braid nylon core with high quality marine coating. Ideal for dock and anchoring lines on large boats, slightly lower stretch than three-strand; extremely flexible and resistant to kinking and hocking; abrasion resistant and easy to handle.



**MEGA BRAID II NYLON**

DIA.	1/2"	10%
LBS.	6,500	

12-strand single braid nylon core with high quality marine coating. Developed for use in windlasses, this anchor line is easy to handle and coil; similar to Mega Braid, but this line uses tight nylon strands that are woven.



**MEGA PLAIT NYLON**

DIA.	1/2"	9/16"	5/8"	3/4"	10%
LBS.	8,000	9,500	11,000	15,000	

12-strand nylon core. A non-hocking, "cube-shape" rope that functions well in mechanical, especially motorized windlasses; coils easily and is abrasion- and fray-resistant.



**PREMIUM THREE STRAND NYLON**

*(Breaking strength numbers are for white three strand nylon. Black is 10-15% less pounds)*

DIA.	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	12%
LBS.	1,300	2,100	3,000	4,250	6,000	7,500	8,800	11,650	17,150	22,300	27,700	

Premium nylon with high quality marine coating. Very supple line and five times more abrasion-resistant when wet than any other nylon line; firm yet flexible, is chafe resistant and easy to splice.



**FLOATING DINGHY TOW ROPE**

DIA.	3/8"	7/16"	2.5%
LBS.	2,900	5,050	

Polypropylene core with abrasion-resistant braided nylon cover. Floats on top of the water so it won't get caught in your prop; torque-free and non-hocking; stays flexible and retains strength when wet or dry. Dinghy tow rope or dinghy painter.



**HOLLOW BRAID POLYPROPYLENE**

DIA.	1/4"	3/8"	1/2"	5.5%
LBS.	1,200	2,600	4,300	

Polypropylene core. Lightweight, spliceable all-purpose line that won't kink; resistant to water and floats. Economical option for ski ropes and non-critical anchoring and docking applications.



**MFP FLOATLINE**

DIA.	1/4"	3/8"	1/2"	5.5%
LBS.	1,700	3,200	5,200	

Floating polypropylene core with multi-filament polypropylene cover. General purpose double-braid line that floats; highly visible with a soft hand; easy knot tying. Floating mooring lines, or dinghy painters.



**ULTRA BLUE THREE-STRAND LINE**

DIA.	1/4"	5/16"	3/8"	1/2"	3/4"	1"	4.8%
LBS.	1,700	2,600	3,700	6,100	12,000	22,600	

Bi-polymer olefin core. 30%-35% stronger than polypropylene; has more than twice the wear life. UV light resistance is excellent, it is easy to grip and floats. Industrial, fishing, tugboats, barges.