Application Chart

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Where more than one product is suitable for the purpose Blue indicates the most suitable (primary) and Grey an alternative (secondary). In some instances a combination of both may be desirable.

PRODUCT / APPLICATION	Main Halyard	Mainsheet Traveller	Mainsheet	Reefing Lines	Mainsail Outhaul	Cunningham	Genoa/Jib Halyard	Genoa/Jib Sheet	Genoa Car Control	Genoa/Jib Cunningham	Spinnaker Halyard	Spinnaker Sheet	After Guy/Brace	Spinnaker Pole Topping Lift	Spinnaker Pole Fore Guy	Spinnaker/Genoa Barberhauler	Running Backstay Purchase	Topmast Backstay Control	Lazy Jack Line	Anchor Warp	Dock Line	Dinghy Painter	Dinghy Sheet Lines	Dinghy Control Lines
Challenge Braid (Vectran®)	■				■		■	■	■	■	■	■	■				■	■					■	■
SuperBraid (Dyneema®)	■	■	■	■	■	■		■	■	■	■	■	■	■	■	■	■	■					■	■
SpectraSpeed (Spectra®)		■	■	■	■	■		■	■	■	■		■	■	■		■						■	■
Yachtmaster XS (Polyester)			■															■			■			
Brights (Polyester)			■															■			■			
Dinghy Racing (Spectra® / Polypropylene)			■				■				■	■	■	■	■		■						■	■
Southern Lights* (Spectra® / Polypropylene)							■	■									■						■	■
Dinghy Light* (Polypropylene)																								■
Nylon Dockline																			■	■				
Nylon Rope																			■	■				
Polyester Rope																		■	■	■	■			
Boat Rope* (Polypropylene)																					■			

Boat Size		Product diameter (mm)																							
2 - 4m	6.5 - 13 FT	4 - 5	4 - 8	6		4	3 - 4	4 - 5	6	3	3	4 - 5	4 - 5		4 - 5	4 - 5	3 - 4				6	6		4 - 6	2 - 5
4 - 6m	13 - 20 FT	5 - 6	5 - 8	6 - 8	6	5	4 - 5	6	6	3 - 4	4	4 - 6	6		5 - 6	5	4 - 5				8	8		4 - 8	2 - 6
6 - 8m	20 - 26 FT	6 - 8	6 - 8	8 - 10	8	6 - 8	5 - 6	6	7 - 8	4 - 5	5	6	6 - 8	7 - 8	6	6	5 - 6	6 - 8	5	4	10	10	10 - 12		
8 - 10m	26 - 33 FT	8 - 10	8 - 10	10 - 12	10	8 - 10	6 - 8	8	8 - 10	6	6	8	6 - 8	8 - 10	8	6 - 8	6	8	6	6	12	12	10 - 12		
10 - 12m	33 - 39 FT	10 - 12	10	10 - 12	10 - 12	10	8 - 10	10	10 - 12	6 -8	8	8 - 10	8 - 10	10	8 - 10	8 - 10	6 - 8	8 - 10	6	6	14	14	10 - 12		
12 - 14m	39 - 46 FT	12 - 14	10 - 12	12 - 14	12 - 14	12	10	12	12 - 14	8 - 10	8	10 - 12	8 - 12	10 - 12	10	10	8	10 - 12	8	6	14 - 16	14 - 16	10 - 12		
14 - 16m	46 - 53 FT	12 - 14	12 - 14	14 - 16	14	12 - 14	10	12 - 14	14 - 16	8 - 10	10	12 - 14	10 - 12	12 - 14	10 - 12	12	8 -10	12 - 14	8	6	16 - 20	16	10 - 12		

NB: Sizes indicated are an approximate guide only. Variation on the type of yacht (cruiser, cruiser racer, high tech racer) and factors such as displacement, right moment, sail area and rig types will produce different load characteristics.
As a general rule Challenge Braid and SuperBraid can be smaller of the diameters shown. Note: Ensure that the line is of sufficient diameter to avoid slippage on self tailing winches, cleats and jammers. *Braid is bouyant when wet.

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