

CARBON SPINNAKER & WHISKER POLES

Supplied By; American Rigging Supply, Inc.

FORESPAR® SETS THE STANDARD IN DOWNWIND SAILING EQUIPMENT!

Forespar® has perfected the art of manufacturing carbon fiber equipment not only for the blue water yachts and racers but now for the recreational sailor as well. We have manufactured standard composite poles for over 10 years. We made our first carbon fiber mast in 1979, ten years before anyone else in the U.S.

Forespar® is the world leader in standard composite whisker poles, spinnaker poles and reaching struts. Standard sizing is 2" – 6". Spinnaker poles are offered in double tapered as well as parallel configurations. In addition, we custom design and make poles or bow sprits specifically sized for the head sail of your choice; code zeros, asymmetrical chutes, spinnakers or roller furling genoas.

Typically a composite spinnaker pole will be 40% lighter than a similar aluminum pole yet almost 50% stiffer! Fixed length whisker poles and bow sprits are 50% lighter.

All Forespar® poles are manufactured in the U.S.A. and assembled in our California plant by professional riggers. HIGH MODULUS ENGINEERING, the premier composite design firm for the 2003 America's Cup racing, is our partner in design and brings to the Forespar® design efforts the wealth of composite engineering learned during this year's cup races.



CARBON FIBER FIXED LENGTH WHISKER POLES

Forespar® carbon fiber poles available in deep epoxy clear coat or any Awlgrip color.

CUSTOM POLES

California "carbonwood" poles are faux spruce painted poles which give poles the rich wood grain look.



CARBON FIBER LINE CONTROL WHISKER POLES

Line Control pole inner tube is epoxy clear coat carbon fiber and the outer tube is Awlgrip white coated carbon fiber.

CENTER POINT POLES

Smaller diameter poles can be made with "center point" pick up "D" ring attachments



CARBON FIBER SPINNAKER POLES

Shown with optional Kevlar™ chafe protection.



CLASS LEGAL CARBON POLES

Part No.	Model No.
800124	J24
800104	Tartan 10, UXP-250-UXP CF
800204	Beneteau 36.7, UTR-300-UTR CF
800306	Mumm 30

CARBON FIBER SPINNAKER POLES & WHISKER POLES

Supplied By; American Rigging Supply, Inc.

CARBON FIBER SPINNAKER POLES & WHISKER POLES

Forespar's Composites Division has years of experience in the production of high performance poles for racing and cruising boats. Weight reductions over similar aluminum poles are typically 50% or better. Poles from 2.5" to 4.5" diameters are straight tubes unless custom 4.5" to 3.5" taper is requested. All 5" diameter and larger tubes have double tapered ends. Forespar® poles are produced from pressure cured intermediate modulus carbon fiber, and high performance epoxy resin systems.

Part No.	O.D.	Approx. Total Weight	End Fittings	Bridles	Maximum Length	Standard Finish
Straight Non-Tapered Tubes						
800901	2.0"	4 lbs.	UXP-UXP	Double	10.0'	AwlGrip Clear
800101	2.5"	4.5 lbs.	UXP-UXP	Double	12.0'	AwlGrip Clear
800102	2.5"	4.5 lbs.	UTR-UTR	Double	12.0'	AwlGrip Clear
800201	3.0"	8 lbs.	UXP-UXP	Double	14.0'	AwlGrip Clear
800202	3.0"	8 lbs.	UTR-UTR	Double	14.0'	AwlGrip Clear
800203	3.0"	9.5 lbs.	UTS-UTR	Double	14.0'	AwlGrip Clear
800301	3.5"	11.5 lbs.	UTR-UTR	Double	16.5'	AwlGrip Clear
800302	3.5"	11.5 lbs.	UXP-UXP	Custom	16.5'	AwlGrip Clear
800303	3.5"	12 lbs.	UTS-UTR	Custom	16.5'	AwlGrip Clear
800304	3.5"	14 lbs.	UTS-UGPS	Custom	16.5'	AwlGrip Clear
800402	4.0"	19.75 lbs.	UTS-UTR	Custom	18.5'	AwlGrip Clear
800404	4.0"	20 lbs.	UTS-GP	Custom	18.5'	AwlGrip Clear
800405	4.0"	21 lbs.	UTS-UGPS	Custom	18.5'	AwlGrip Clear
800501	4.5"	25 lbs.	UTS-GP	Custom	22.5'	AwlGrip Clear
800503	4.5"	26 lbs.	UTS-UGPS	Custom	22.5'	AwlGrip Clear
Double Tapered Tubes						
800502	4.5" to 3.5" 30.00		UTS-UTR	Custom	22.5'	AwlGrip White
800504	4.5" to 3.5" 30.10		UTS-GP	Custom	22.5'	AwlGrip White
800505	4.5" to 3.5" 30.10		UTS-UGPS	Custom	22.5'	AwlGrip White
800601	5.0" to 3.5" 39.00		TS-GP	Custom	24.5'	AwlGrip White
800701	6.0" to 4.0" 62.00		TS-GP	Custom	28.5'	AwlGrip White
Line Control Whisker Poles						
800802		19 lbs.	LC-UTS-UTR		12'-22'	Clear/White*
800800		24 lbs.	LC-UTS-UTR		13'-24'	Clear/White*
800801		32 lbs.	LC-UTS-UTR		15'-27'	Clear/White*
SPECTRA TRIP LINES STANDARD ON ALL POLES						
Options						
800090			Optional Retracting Bridle on 3" or larger TS/UTS inboard			
800093			Optional AWL2GRIP™ Finish			
800094			Optional DEEP EPOXY CLEAR COAT Finish on tapered poles 4.5" thru 6"			
800091			Optional 24" Kevlar™ Chafe Protection			

*White outer tube with clear coated inner tube standard



Shown with optional padded spinnaker pole cover (see inside front cover)

Padded Spinnaker Pole Covers

Part No.	Model No.
882000	Small - Up to 3" O.D., 14' 6"
882001	Large - Up to 4" O.D., 18' 5"



TECH. TIPS - ABOUT THE CARE OF FITTINGS

Yachtsmen take particular care when painting or varnishing their hulls, looking after sails, spars and rigging, and then, for the most part, forget to maintain their poles, valves, and deck fittings. The most effective method of keeping deck hardware (e.g. pole ends, cams etc.) working freely is to wash them thoroughly with fresh water after every race or cruise. This is especially important when using spinnaker/whisker poles, tiller extensions or other telescoping equipment. Salt and sand that is not cleaned out can destroy the locks, cams, springs or rollers in a matter of months.

Forespar® strongly advises against the use of lubricants on pole ends and telescoping poles. This can clog spring housings and ball bearings and can destroy twist-lock components. As a general rule, all fittings on deck, whether a dinghy or an ocean racer, should be maintained regularly.

As previously mentioned, the best treatment is fresh water washing/flushing. This attention to maintenance will ensure that every fitting on your yacht will function at its best and attain a maximum performance life.