Tangon carbone Sparcraft

Performance engineering & sailing

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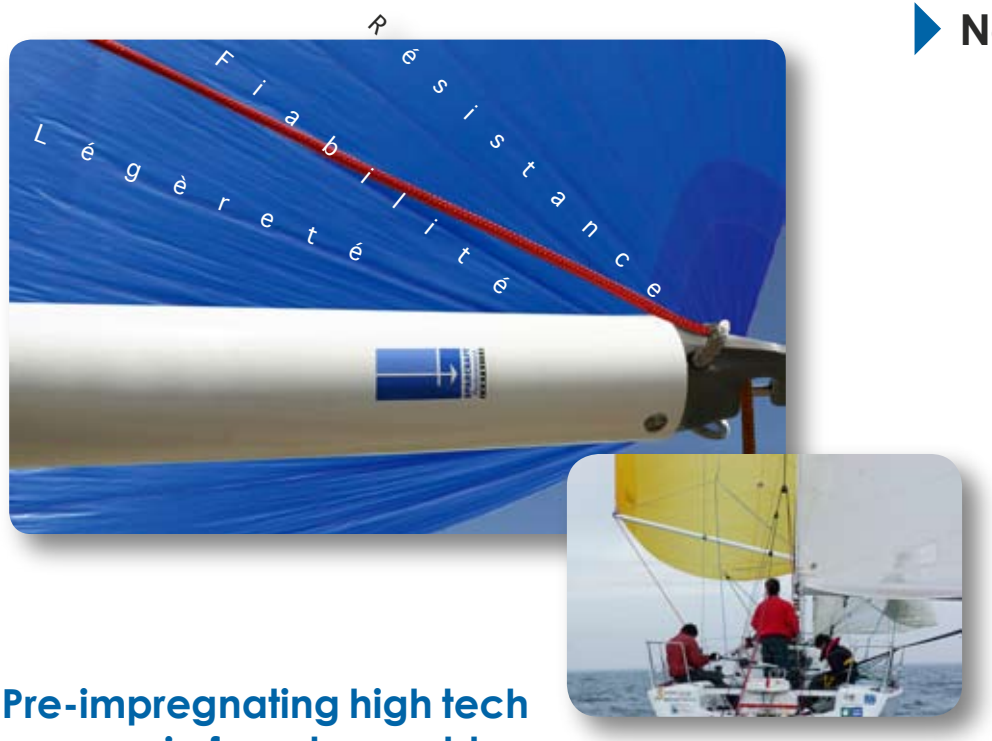
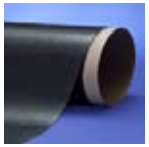


Pre-impregnating high tech process in female mould

• **Carbon fibres get positioned in the expected direction** and therefore the draping according to the local constraints is really well adapted;

• The baking process in autoclave oven ensures the **optimal polymerization**;

• The pre-impregnated draping of the fabrics in a female mould results in a **perfectly smooth surface**, no need to add any coating.

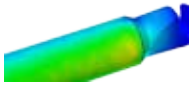


New range of Spinnaker pole

>>> Sparcraft has designed a new range of tapered and pre-impregnated carbon Spinnaker poles that garantee lightness and resistance for perform racing or cruising trip.

Rigid et resistant

• Carbon offers a good resistance against buckling phenomenon as well as a **high rigidity**



• The establishment of 3D models highlights structural forces

• The whole range has been optimized after successive mechanical software tests in order to **guarantee the longevity** of the carbon spinnaker poles

Light and easy to handle

• a winning carbon / tapered* combination of the section: **about 50% lighter** than an aluminium pole, i.e. a gain of 4,6 Kg for a middle-sized 4-meter pole.

* tapered at one end from 100mm diameter

Reliable device

• The standard endings are in composite reinforced with fibreglass and the mechanisms in stainless steel (no corrosion). Both are insulated from the tube by a fibreglass ring.

• Endings fitted with automatic trigger as well as inside and outside control

• Stainless steel screws are insulated

Perfect Finishing

• White polyuréthane coat (R.A.L. 9016)

• Other color on request

SPARCRAFT™
Performance Engineering

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Carbon Spinnaker pole Sparcraft

Determinate Your carbon spinnaker pole with your Sparcraft agent

Choosing the Spinnaker pole	The given data are for information only. Those do not disengage the responsibility of the user in any circumstances.															
Spinnaker area m²	J / SPL															
	<3 - 3,1	3,2 - 3,3	3,4 - 3,5	3,6 - 3,7	3,8 - 3,9	4 - 4,1	4,2 - 4,3	4,4 - 4,5	4,6 - 4,7	4,8 - 4,9	5 - 5,3	5,4 - 5,5	5,6 - 5,7	5,8 - 5,9	6,2 - 6,3	6,4 - 6,5
>45 (CPW>1,5m)	Ø50	Ø50														
45 - 60 (CPW>1,5m)	Ø60	Ø60	Ø60													
60 - 70 (CPW>1,6m)	Ø60	Ø60	Ø60	Ø60												
70 - 80 (CPW>1,7m)		Ø60	Ø80	Ø80	Ø80											
80 - 90 (CPW>1,8m)			Ø80	Ø80	Ø80	Ø80										
90 - 100 (CPW>1,9m)				Ø80	Ø80	Ø80	Ø80									
100 - 110 (CPW>1,9m)					Ø80	Ø80	Ø80	Ø80								
110 - 120 (CPW>2,1m)						Ø80	Ø80	Ø90	Ø90							
120 - 130 (CPW>2,1m)							Ø90	Ø90	Ø90	Ø90						
130 - 140 (CPW>2,3m)								Ø100	Ø100	Ø100						
140 - 150 (CPW>2,3m)									Ø100	Ø100	Ø100	Ø115				
150 - 160 (CPW>2,3m)										Ø115	Ø115	Ø115	Ø115			
160 - 170 (CPW>2,3m)											Ø115	Ø115	Ø115			
170 - 180 (CPW>2,3m)											Ø115	Ø115	Ø115	Ø115		
180 - 190 (CPW>2,3m)												Ø115	Ø115	Ø115		
190 - 200 (CPW>2,3m)													Ø115	Ø135	Ø135	
200 - 210 (CPW>2,3m)														Ø135	Ø135	Ø135
210 - 220 (CPW>2,3m)															Ø135	Ø135
>220																

J = the horizontal distance from the perpendicular of the most forward point on the deck to the front of the mast
1/2 CPW = the horizontal distance from the centre of the mast to chain plate pin
SPL = Spinnaker Pole Length

- **Determine and have determined the J or SPL measurement of your sailing boat. On the chart match this dimension to the Spinnaker area..**

- Other parameters are to be taken into account, it is necessary to have all the information validated by one Sparcraft agent or Design Department.

- Special length on request.

w w w . s p a r c r a f t . c o m