

Carbo Racing Foil

NEW: 7000.30, 7001.30, 7002.30

The engineering resins in these strong, lightweight head foils offer significant advancements over the weaker PVC materials used by other manufacturers. The low-friction twin headsail grooves are ultra-smooth, allowing hoists, douses and headsail changes to be easily and efficiently executed. Impact resistance is unmatched, with far less foil damage from loaded spinnaker poles, especially in cold weather. Heat has little effect on stiffness.

Foils are UV protected and easy for the trimmer to see. For mast-up installation, simply uncoil the foil and snap onto the stay.

Aluminum Chafe Guard

An aluminum chafe guard keeps spinnaker sheets from damaging the foil during high-speed jibes. Testing shows this guard weighs the same as Kevlar® or composite, and is impervious to wear, unlike UHMW plastic tape which wears away quickly. A Harken chafe guard is included free with the purchase of a 7000, 7001, or 7002 kit.

Low Friction:
Loaded luff tapes run more easily in ultra-smooth sail grooves

High Strength:
More resistant to line wear and impact damage than PVC

Feeder for Smooth Hoists:
Funnel-shaped stainless feeder smoothly guides boltrope into head foil for fast hoists

Prefeeder:
Hardkote-anodized, Teflon®-impregnated aluminum rollers spin freely on low-friction bushings



Trim Cap



Feeder



Prefeeder

7000
7001
7002

Kit includes
prefeeder 7003

Actual Size
Unit 3

Unit 2

Unit 1

Unit 0

7006

7000.30
7001.30
7002.30



2007 Big Boat Series — Eric Simonson photo

Part No.	Description	Max wire Ø		Max rod Ø		Extrusion length		Max headstay length		Spacer tube length		Extrusion weight		Full system weight*		Luff tape size	
		in	mm	dash	mm	ft/in	m	ft/in	m	ft/in	m	lb/ft	kg/m	lb	kg	in	mm
7000.9m	Unit 0	1/4	6	-10	6.35	29'6"	9	33'6"	10.2	3'3"	1	.102	.152	3.29	1.50	#5 (5/32)	4
7000.12m	Unit 0	1/4	6	-10	6.35	39'4"	12	43'4"	13.2	3'3"	1	.102	.152	4.29	1.95	#5 (5/32)	4
7000.15m	Unit 0	1/4	6	-10	6.35	49'2"	15	53'2"	16.2	3'3"	1	.102	.152	5.30	2.41	#5 (5/32)	4
7001.12m	Unit 1	5/16	8	-17	8.38	39'4"	12	43'4"	13.2	3'3"	1	.162	.241	6.99	3.18	#6 (5/32)	5
7001.16m	Unit 1	5/16	8	-17	8.38	52'6"	16	56'5"	17.2	3'3"	1	.162	.241	9.13	4.14	#6 (5/32)	5
7001.20m	Unit 1	5/16	8	-17	8.38	65'7"	20	69'6"	21.2	3'3"	1	.162	.241	11.25	5.10	#6 (5/32)	5
7002.16m	Unit 2	3/8	10	-25	10.31	52'6"	16	56'6"	17.2	3'3"	1	.185	.275	10.43	4.73	#6 (5/32)	5
7002.20m	Unit 2	3/8	10	-25	10.31	65'7"	20	69'7"	21.2	3'3"	1	.185	.275	12.90	5.83	#6 (5/32)	5
7002.24m	Unit 2	3/8	10	-25	10.31	78'9"	24	82'9"	25.2	3'3"	1	.185	.275	15.29	6.93	#6 (5/32)	5
7003.24m	Unit 3	7/16	11	-30	11.1	78'8.5"	24	82'9"	25.2	3'3"	1	.245	.365	20.08	9.10	#6 (5/32)/#7 (1/32)	5/6
7003.28m	Unit 3	7/16	11	-30	11.1	91'10"	28	95'9"	29.2	3'3"	1	.245	.365	23.31	10.57	#6 (5/32)/#7 (1/32)	5/6
7006	Replacement prefeeder	—	—	—	—	—	—	—	—	—	—	—	—	3 oz	85 g	—	—
7000.30	Unit 0 chafe guard	—	—	—	—	3'3"	1	—	—	—	—	—	—	2.5 oz	70 g	—	—
7001.30	Unit 1 chafe guard	—	—	—	—	3'3"	1	—	—	—	—	—	—	2.9 oz	82 g	—	—
7002.30	Unit 2 chafe guard	—	—	—	—	3'3"	1	—	—	—	—	—	—	3 oz	85 g	—	—