

Carbo Racing Foil



CHANGE HEADSAILS FAST

Stay in front with a strong, lightweight head foil.

The Harken Carbo Racing Foil's twin headsail grooves are ultra smooth for fast hoists, douses and sail changes.

Carbo Racing Foils are much more durable than those made of weaker commodity plastics.

HIGH-STRENGTH MATERIAL— LOW FRICTION, IMPACT RESISTANT

The foil's high-strength engineering resins have unmatched impact and wear resistance.

STANDS UP TO SALT, SUN AND LONG-TERM WEAR

The black additive to the foil material provides no-fade UV protection.

The foil's black color is easy to see against a light sky, making the trimmer's job easier.

MAST-UP INSTALLATION IS EASY

Simply uncoil the Carbo Foil and snap onto the stay.

FOIL COMPONENTS BUILT TO LAST

The prefeeder, feeder and trim cap are high-polished investment-cast 316 stainless steel for strength, durability and corrosion resistance.

LOW-FRICTION PREFEEDER

Teflon[®]-impregnated aluminum rollers spin freely for fast, efficient hoists and long-lasting performance.

FEEDER FOR SMOOTH HOISTS

The funnel-shaped stainless steel feeder allows the boltrope to slide easily into the headfoil for a fast, smooth hoist.

PROTECTIVE CHAFE GUARD

Strong, lightweight aluminum guard protects spinnaker sheets from chafing the foil during high-speed jibes.

Testing shows the Harken guard weighs the same as Kevlar or composite, has improved wear resistance over UHMWPE tape, and costs much less than Kevlar.

A Harken chafe guard is included free with the purchase of a kit.

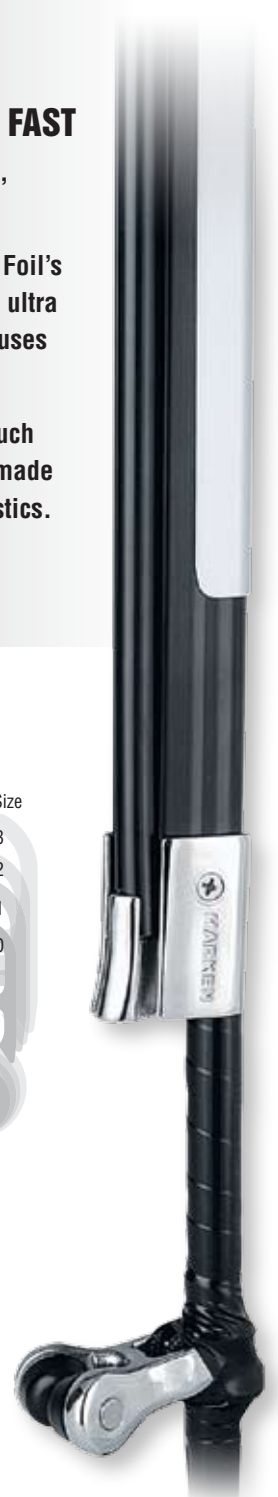
Actual Size

Unit 3

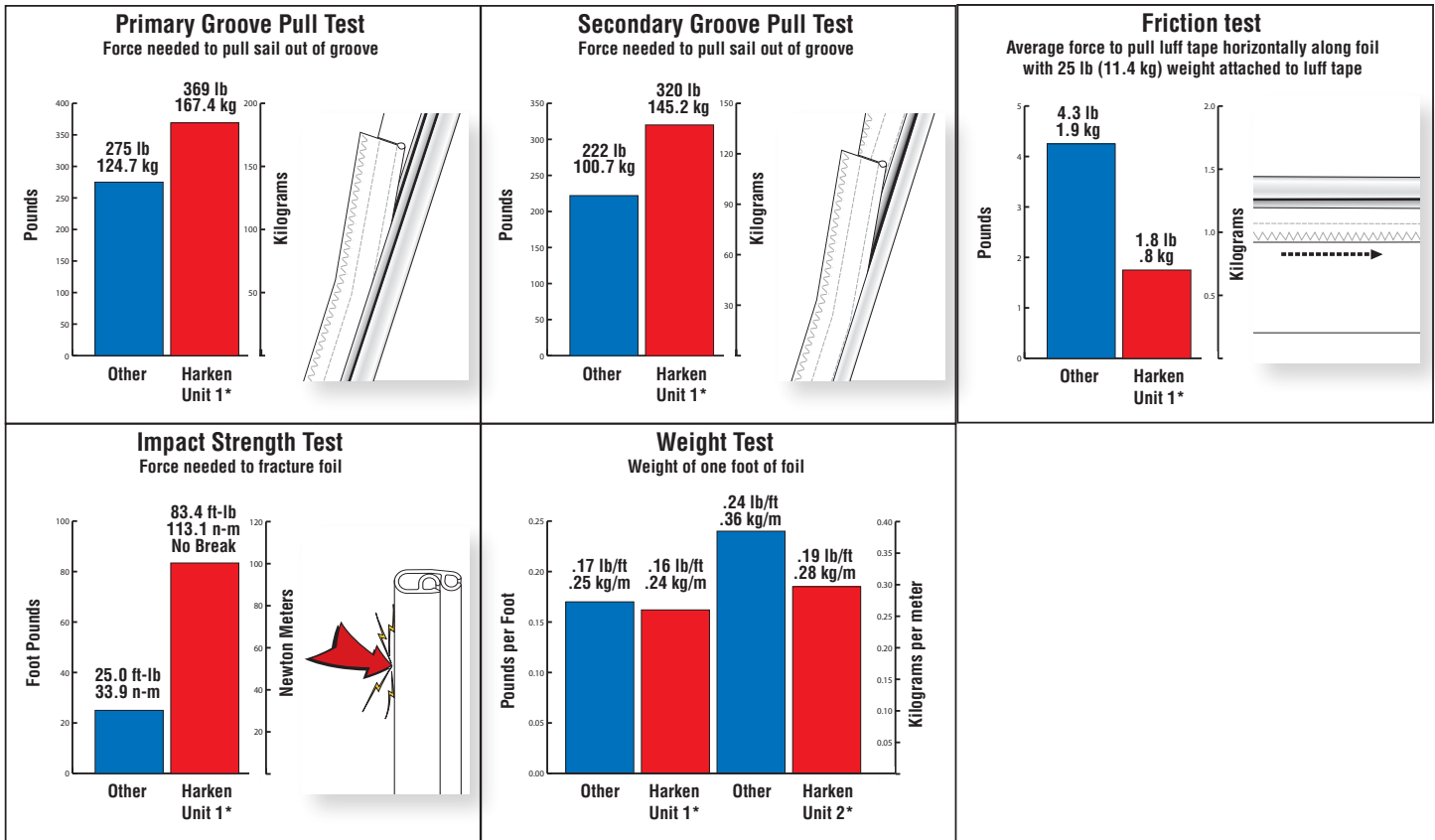
Unit 2

Unit 1

Unit 0



CARBO RACING FOIL VS. PVC FOILS—TEST RESULTS



*Final approved production version.

To order, click here to contact American Rigging Supply, Inc.

Carbo Racing Foil Kits

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	—	—	—	—

*Weight without chafe guard

HARKEN