C4 CARBON

2024 ENG

FINS + FOOTPOCKETS

C4 CARBON

FROM THE ROAD **TO THE WATER**

C4 was born in 1986 thanks to the passion of Nicoletta and Marco Bonfanti.

Until the mid 1980s, bicycle forks and frames were all manufactured with metal tubes. Marco Bonfanti has a revolutionary idea and designs AERO: the first carbon fiber monocoque bicycle frame in the world.

The revolutionary process for the moulding of carbon fiber, called NJC (No Joint Construction) allows C4 to manufacture complex structures in composite materials which are hollow and without junctions. This manufacturing process will be the technical base on which future products will be designed and developed.

In 1989, Marco Bonfanti, passionate about diving, manufactured the first carbon fiber fin blades in the world. It is a leap forward and the world of freediving will never be the same.

C4 has pursued, in the years, a technical and functional vision with a focus on the design of its products.
New models of fins have been developed through the years and in 2000 C4 intro-

C4 CARBON

INNOVATION AND ***DESIGN***

duced to the market MONOSCOCCA: the first speargun in the world manufactured with a monocoque carbon fiber hollow structure.
In 2019 a new important era begins for C4.
The Ciceri brothers, former owners of Omersub, purchase a major part of the company.

OUR PRODUCTS MANUFACTURED IN ITALY ARE MADE 100% WITH SOLAR ENERGY

ENVIRONMENTAL **CONSCIOUSNESS**

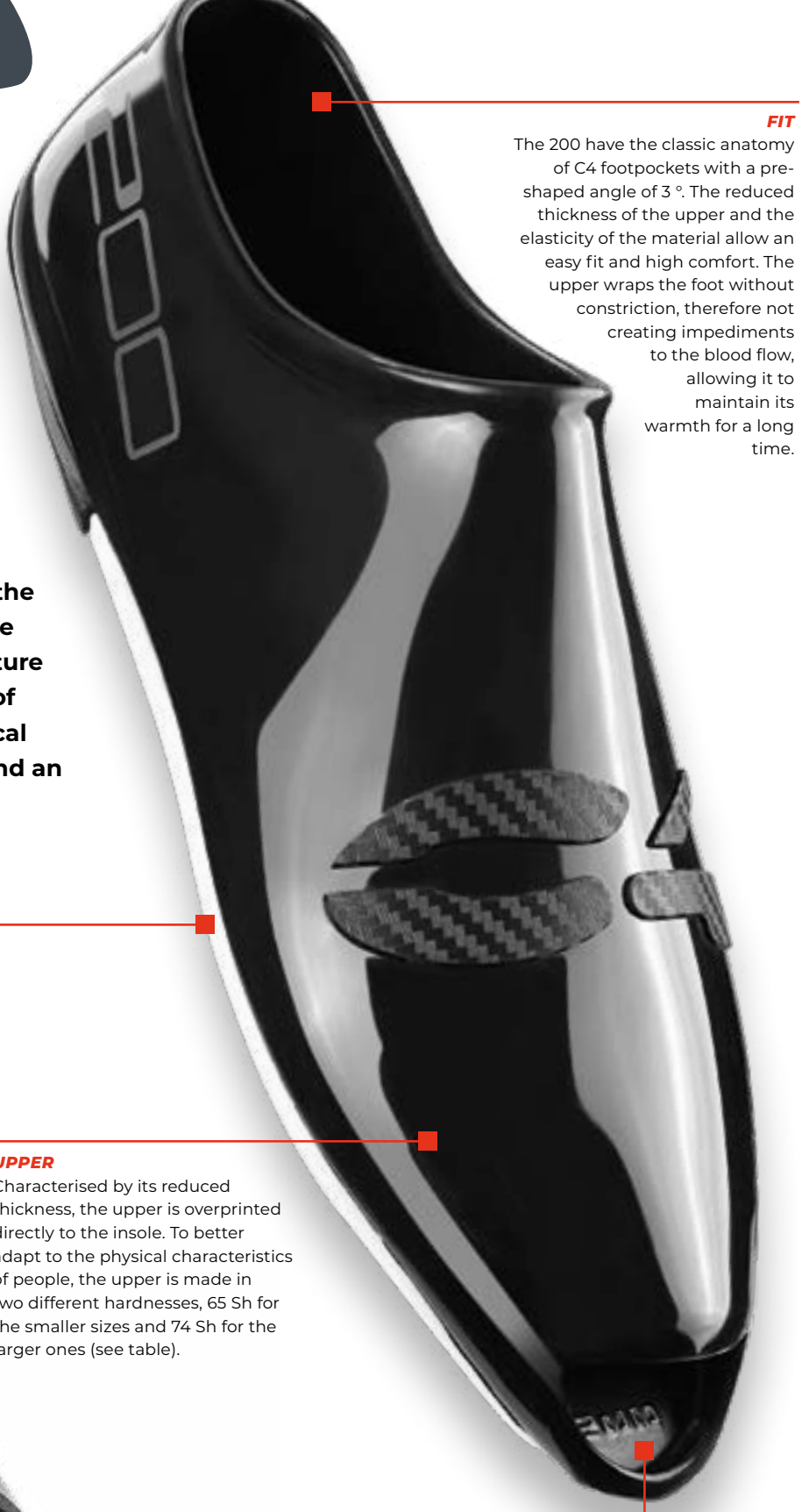
Today, C4 is a company with deep roots in the North of Italy and its products are distributed all over the world. The manufacturing of the carbon fiber blades is entirely carried out in Italy through an innovative and environmentally friendly process. Every C4 product features an exclusive design and they are designed, prototyped and tested internally at our manufacturing facilities in Albiate (MB) and Olginate (LC). Innovation, design and the continuous search of performance are at the base of all C4 products and they are an integral part of our DNA.

MADE IN ITALY

FOOTPOCKET 200

The rational revolution “made in C4”

The first and only diving shoes in the world to allow customization of the biomechanics of kicking, they feature a minimum mass, a new concept of hydrodynamics, specific mechanical performance, very high comfort and an elegant and exclusive design.



FIT
The 200 have the classic anatomy of C4 footpockets with a pre-shaped angle of 3 °. The reduced thickness of the upper and the elasticity of the material allow an easy fit and high comfort. The upper wraps the foot without constriction, therefore not creating impediments to the blood flow, allowing it to maintain its warmth for a long time.

SOLE
Made of polypropylene, it has a progressive rigidity and constitutes the supporting skeleton of the 200. In the insole, 3+3 threaded brass bushes are co-molded for the customisable connection of the blade.

UPPER
Characterised by its reduced thickness, the upper is overprinted directly to the insole. To better adapt to the physical characteristics of people, the upper is made in two different hardnesses, 65 Sh for the smaller sizes and 74 Sh for the larger ones (see table).

HYDRODYNAMICS
The geometric separation between the shoe and the blade generates an advanced hydrodynamics, eluding the classic resistances of traditional fins. The fluid threads flow around the shoe and the blade works, along its entire length, creating non-turbulent fluid threads.

WEIGHT	starting from 150 gr
ANATOMY	pre-shaped angle of 3 °
COLORS	White – Red - Green
BLADE	Compatible with 200 footpockets only
MATERIAL	UPPER: Thermoplastic elastomer. SOLE: Polypropylene

3+3

On the 200 the biomechanics can be customised by allowing to position the blade in three different 3 positions. By changing the position, the force levers between the foot and the blade are modified with a consequent personalisation of the kick.

0SC4200G
0SC4200G **36-44**

0SC4200W
0SC4200W **36-44**

0SC4200R
0SC4200R **36-44**

PROTECTION
The heel of the 200 shoes has three anti-slip pads to protect the foot.
A polyurethane shock absorber is positioned between the shoe and the blade to dampen the stress peaks on the blades.

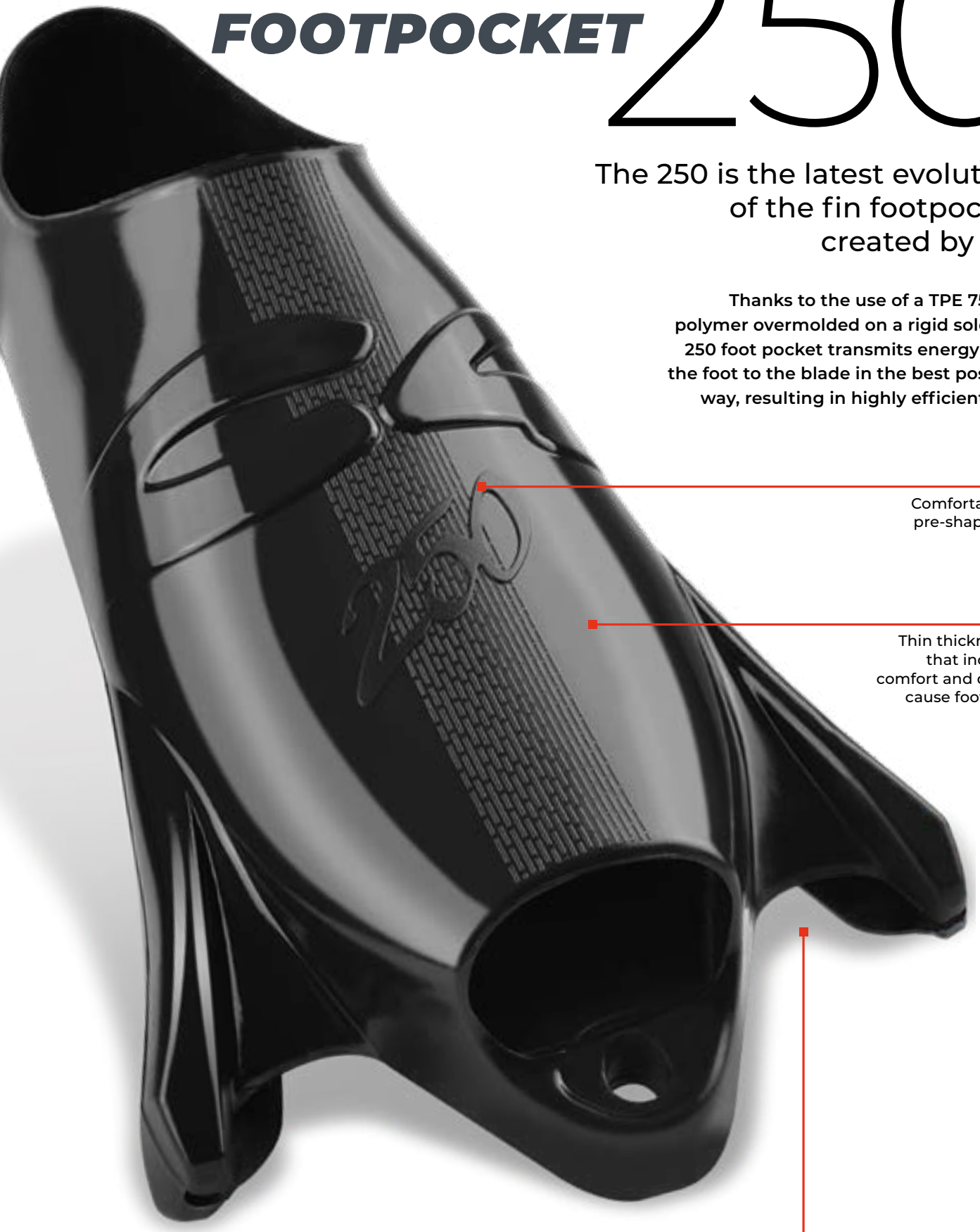
EU	US
36/37	4/4.5
38/39	5.5/6
40/41	7/8
41/42	8/9
42/43	8.5/9.5
43/44	9.5/10.5
44/45	11/12

Assembly kit for 200 footpockets

0KC4200N

MADE IN ITALY

FOOTPOCKET 250



The 250 is the latest evolution of the fin footpocket created by C4.

Thanks to the use of a TPE 75 ShA polymer overmolded on a rigid sole, the 250 foot pocket transmits energy from the foot to the blade in the best possible way, resulting in highly efficient fins.

Comfortable 3° pre-shaped fit;

Thin thicknesses that increase comfort and do not cause foot pain;

Hydrodynamic shape and reduced dimensions that make it glide effortlessly in the water.

100% MADE IN ITALY

All C4 carbon fiber blades have always been entirely manufactured in our production plant in Italy.
Starting this year, a new plastic injection department has been added at C4 plant and this is where the 250 footpockets and UP blades are manufactured.

The assembly and disassembly of the blade is quick and simple and the overall dimensions are optimal in case of air travel.

Blade assembly with a sturdy M6 screw on a hand grip nut;

WEIGHT	Starting from 250g
ANATOMY	Reshaped at 3°
COLORS	Black - White
BLADE	Interchangeable with an M6 screw
MATERIAL	TPE 75 ShA - high modulus TPA

matte surface finish

Very low weight of only 250gr thanks to the TPE 75 ShA material over-moulded on a rigid high modulus TPE insole;

BLACK

0SC4250B
0SC4250B **36-44**

WHITE

0SC4250W
0SC4250W **36-44**

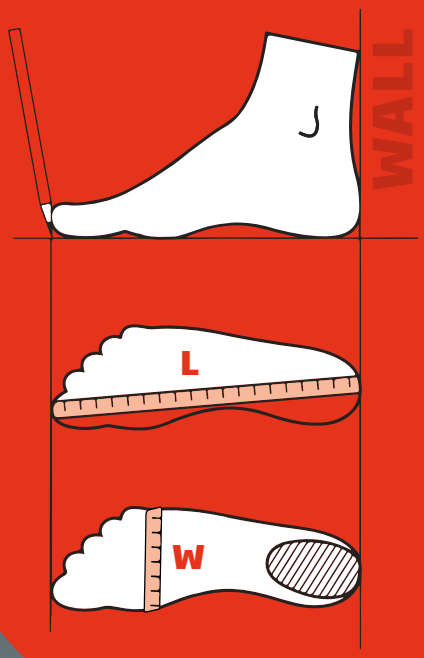
Assembly kit for 250 footpockets

0KC4250N

EU	US
36/37	4/4.5
38/39	5.5/6
40/41	7/8
41/42	8/9
42/43	8.5/9.5
43/44	9.5/10.5
44/45	11/12

CHOOSE YOUR **FOOTPOCKET FIT**

- Position a sheet of paper on the floor next to a wall.
- Position your foot heel next to the wall keeping your foot on the paper.
- Take note of the length and width of your foot.
- Measure the dimensions.
- Choose the footpocket that better fits your foot from the table.



EU SIZE	US SIZE	200	250	L MAX	W MAX
36 / 37	4 /4.5	✓	✓	223 mm	87 mm
38 /39	5.5 / 6	✓	✓	242 mm	94 mm
40 /41	7 /8	✓	✓	261 mm	101 mm
41 / 42	8 / 9	✓	✓	264 mm	104 mm
42 / 43	8.5 / 9.5	✓	✓	280 mm	108 mm
43 / 44	9.5 / 10.5	✓	✓	284 mm	112 mm
44 / 45	11 / 12	✓	✓	299 mm	115 mm
46 / 47	12 / 13	✗	✓	318 mm	122 mm
48 / 49	13 / 14	✗	✗	337 mm	129 mm

FOCUS ON **CARBON FIBER**

C4 CARBON

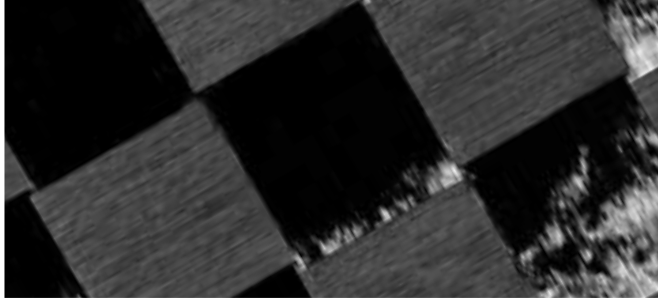
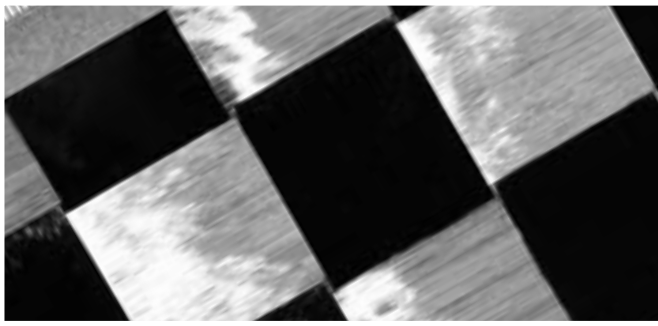
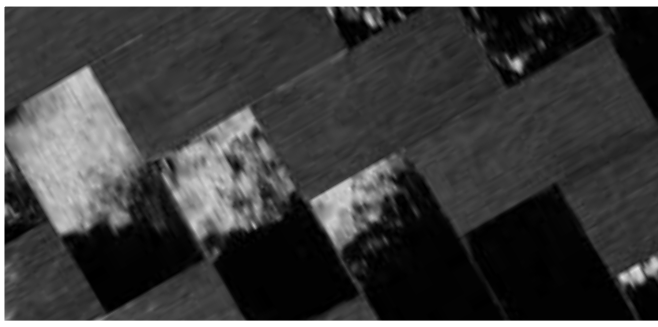
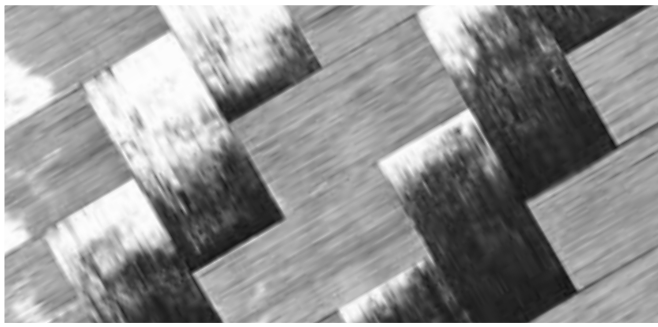
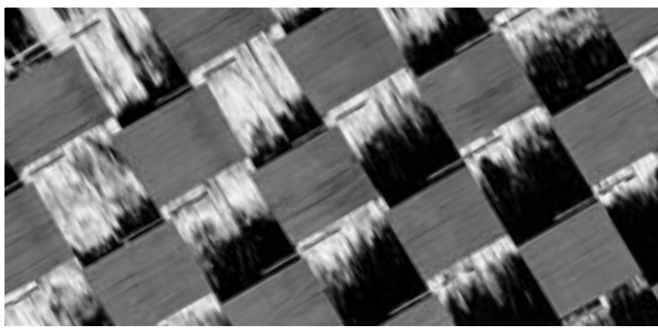
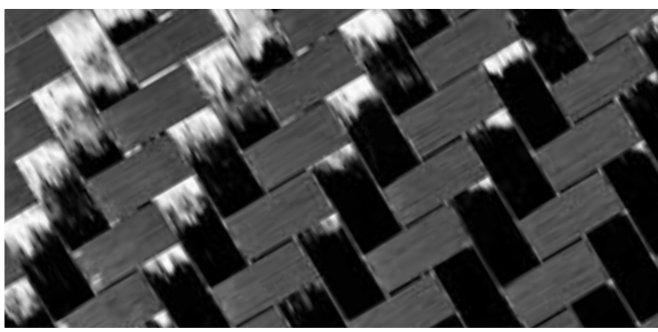
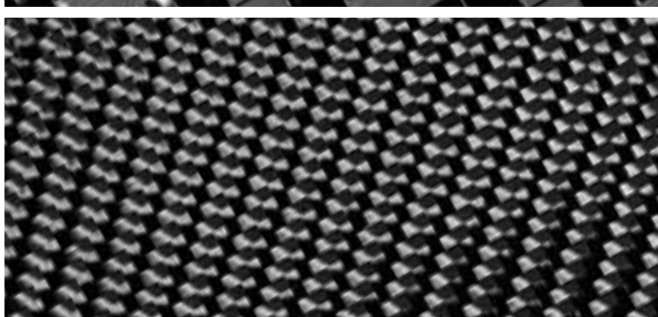
Carbon fiber, carbon fiber fabric and how it is used.

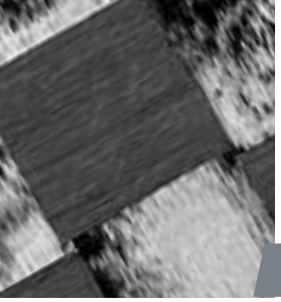
Carbon fiber is material which is produced initially in a thread. Thousands of these threads, together, make up a bigger thread which is then used as a standard fabric and can therefore be braided and woven to create a carbon fiber cloth.
Carbon fiber fabrics are used to create a variety of “composites” which are called this way because they are made up of carbon fiber and a so called matrix, generally a resin. The matrix keeps the fibers in place so that they can be in the correct position and work efficiently. It also protects the fibers and keeps the product in its original shape.

Many different carbon fiber fabrics. How do we choose the best one for our application.

There are many different types of carbon fibers which feature a different resistance and elastic module. Excellent fin blades must be resistant and, at the same time, they must be flexible and reactive. These characteristics are achieved by using High Tensil fabrics which have the best elasticity among all carbon fibers, in combination with a low percentage of resin in the composite.
A further improvement is achieved by using “Spread Tow” fabrics. These fabrics make the blades highly reactive and prevent breakings. C4 blades are extremely resistant and reactive and they maintain their features over time.

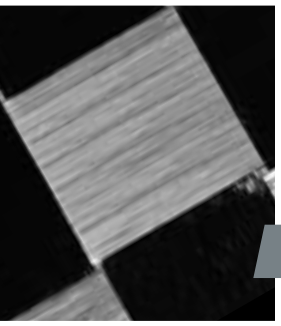
	CARBON FIBER YARN TYPE	HIGH TENSIL	FIN BLADE TENSILE STRENGHT %	FIN BLADE ENERGY ABSORPTION%	FIN BLADE ELASTIC LIMIT %
HT BLACK 25P	TR50S 15K	4900 MPA	340%	38%	260%
HT ALU 25P	TR50S 15K	4900 MPA	340%	38%	260%
HT BLACK 15P	TR50S 15K	4900 MPA	320%	40%	250%
HT ALU 15P	TR50S 15K	4900 MPA	320%	40%	250%
T700 PERFORMANCE	T700 12K	4900 MPA	240%	50%	200%
T700 SUPERFORCE	T700 12K	4900 MPA	210%	66%	150%
T300 TW	T300 3K	3530 MPA	100%	100%	100%



HT BLACK 25P

Mitsubishi TR50S HighTensil 4900 MPa “Flat” carbon fiber. Spread tow fabrics construction crossed with 25mm (1”) Plain UD carbon fiber.

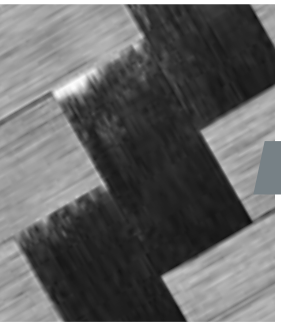


HT ALU 25P

Mitsubishi TR50S HighTensil 4900 MPa “Flat” carbon fiber. Spread tow fabrics construction crossed with 25mm (1”) Plain UD carbon fiber. 50% of the surface is aluminised and refracting.

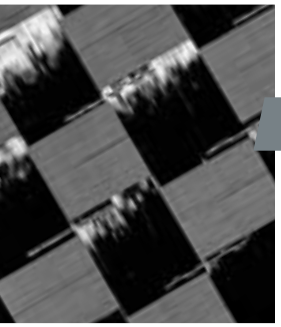
HT BLACK 15T

Mitsubishi TR50S HighTensil 4900 MPa “Flat” carbon fiber. Spread tow fabrics construction crossed with Twill of 15mm (19/32”) UD carbon fiber.



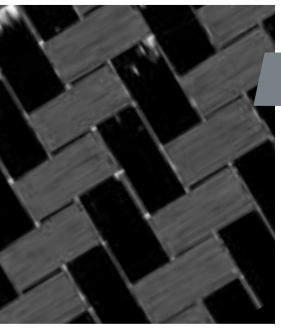
HT ALU 15T

Mitsubishi TR50S HighTensil 4900 MPa “Flat” carbon fiber. Spread tow fabrics construction crossed with Twill of 15mm (19/32”) UD carbon fiber. 100% of the surface is aluminised and refracting.



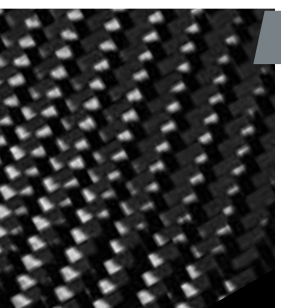
T700 PERFORMANCE

Toray T700S HigthTensile 4900 MPa carbon fiber. Spread tow construction 15mm (19/32”) plain fabrics.



T700 SUPERFORCE

Toray T700S HigthTensile 4900 MPa carbon fibre. 7mm (9/32” inch) plain fabrics construction.



T300 TW

Toray T300 HigthTensile 3530 MPa carbon fibre. Twill fabrics construction.

FINS COMPARISON TABLE

CARBON FIBER BLADE FINS

	200 APNEA	200 PESCA	200 BETTA	200 FIRESTONE	200 CAMU	MB 001	MB 002
							
SUGGESTED USE							
SPEARFISHING	✘	✔	✔	✔	✔	✔	✔
FREEDIVING	✔	✔	✔	✔	✔	✔	✔
FEATURES							
MATERIAL	HT 15	HT 15	HT 15	HT 15	HT 15	T 700	T 700
BLADE SIZE	940 x 192 mm	940 x 192 mm	940 x 192 mm	770 X 192 mm	770 X 192 mm	806 x 195 mm	874 x 192 mm
HARDNESS	20 EXTRA SOFT 25 SOFT 30 MEDIUM	25 SOFT 30 MEDIUM 35 MED-HARD	20 EXTRA SOFT 25 SOFT	25 SOFT 30 MEDIUM 40 HARD	25 SOFT 30 MEDIUM 40 HARD	20+ SOFT 25+ MEDIUM 30+ HARD	20+ SOFT 25+ MEDIUM 30+ HARD
ANGLE	29° + 3° = 32°						
FEATURED WITH FOOTPOCKET	mod. 200 upper: black sole: white	mod. 200 upper: black sole: green	mod. 200 upper: black sole: white	mod. 200 upper: black sole: red	mod. 200 upper: black sole: green	mod. 250 black	mod. 250 black
TOTAL WEIGHT	starting from 510 gr.	starting from 510 gr.	starting from 510 gr.	starting from 450 gr.	starting from 450 gr.	starting from 500 gr.	starting from 520 gr.
WATER RAIL	PRE-SHAPED ANGLE OF 3 ° WHITE	GREEN	WHITE/BLACK	RED/BLACK	GREEN	ELASTIC-K10 BLACK	ELASTIC-K10 BLACK
FOOTPOCKET COMPATIBILITY	COMPATIBLE WITH 200 FOOTPOCKETS ONLY					COMPATIBLE WITH 250 FOOTPOCKETS ONLY	
FEATURED WITH A BAG	✔	✔	✔	✔	✔	✘	✘

PLASTIC BLADE FINS

PALA FALCON		NEW STORM	NEW PREDATOR	UP BLACK
				
✔	SUGGESTED USE			
✔	SPEARFISHING	✔	✔	✔
✘	FREEDIVING	✔	✔	✔
	FEATURES			
T700 SUPERFORCE	MATERIAL	THERMOPLASTIC	THERMOPLASTIC	THERMOPLASTIC
790 x 190 mm	BLADE SIZE	780 X 195 with footpocket size 42/43	870 X 195 with footpocket size 42/43	800 x 195 mm
25 SUAVE 30 MEDIA 40 DURA	HARDNESS	SOFT	SOFT	SOFT MEDIUM
29°	ANGLE	29° + 3° = 32°		
✘	FEATURED WITH FOOTPOCKET	mod. 250 black	mod. 250 black	mod. 250 black
240 gr.	TOTAL WEIGHT	590 gr with footpocket size 42/43	630 gr with footpocket size 42/43	starting from 670 gr
ELASTIC-K10 NERO	WATER RAIL	CO-MOULDED IN FLEXIBLE THERMOPLASTIC MATERIAL		
C4: 300 / 400 (KIT ADAPTER) MARES: RAZOR OMER: STINGRAY, EAGLERAY	FOOTPOCKET COMPATIBILITY	NO	NO	CAN ONLY BE ASSEMBLED ON 250 FOOTPOCKETS
✘	FEATURED WITH A BAG	✘	✘	✘
		NEW	NEW	

200

MADE IN ITALY

For over 30 years, C4 has been designing and manufacturing carbon fins in Italy. C4 was the first company in the world to produce carbon fiber fins and has gained an unparalleled experience that has led today to the creation of the 200 fins: a unique product of its kind. In the fins 200 the resonance frequency of any elastic structure, normally known as the elastic response, is particularly enhanced by the special and dedicated lamination of the blades.

Four different types of carbon fiber have been engineered to give the blades a curvature with the consequent resonance, predefined in the design phase. The industrial production system of C4 has made it possible to eliminate approximations and inhomogeneities typical of manual craftsmanship.

The 200 feature new and specific 100% carbon fiber blades. Designed, manufactured and tested in C4, they offer a completely new progressive lamination, made with 4 different types of carbon fiber, reaching unprecedented levels of reactivity and resistance.

WATER RAILS.

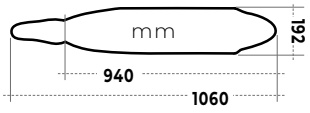
Thanks to an exclusive production process , property of C4, the water rails of the 200 series are co-moulded on the blades. This particular technology allows the elimination of gluing and allows the application of water rails of complex shapes made with elastic and highly tough thermoplastic materials.

L-1090 ***PESCA***

MADE IN ITALY

These fins are **specifically designed for deep sea fishing** and they feature an hydrodynamic anti-turbulence flap. Dedicated blades are available in three stiffnesses: 25 (soft), 30 (medium) and 35 (medium-hard). Paired with 200 footpockets, they feature a visible carbon fiber graphics and colouring in black and military green, for the logos, water rails and the footpockets.

MATERIAL	HT 15T
BLADE HARDNESS	Soft 25 - Medium 30 - Medium/Hard 35
WATER RAILS	Variable geometry. Overmolded under high pressure
FINS WEIGHT	starting from 510gr.
BLADE ATTACHMENT	3+3 with shock absorber



0PC4L1090P
0PC4L1090P**25** - 36C/44C
0PC4L1090P**30** - 36C/44C
0PC4L1090P**35** - 36C/44C

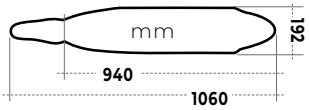
UPON REQUEST, IT IS POSSIBLE TO COMBINE BLADES WITH OTHER COLORS.

L-1090 **APNEA**

MADE IN ITALY

These fins are **specifically designed for freediving** and they feature an hydrodynamic an-ti-turbulence flap. Dedicated blades are available in three stiffnesses: 20 (extra-soft), 25 (soft) and 30 (medium). Paired with shoes 200 footpockets, they feature a visible car-bon fiber graphics and colouring in white, for the logos, water rails and the footpockets.

MATERIAL	HT 15T
BLADE HARDNESS	Extra Soft 20 - Soft 25 - Medium 30
WATER RAILS	Variable geometry. Overmolded under high pressure
FINS WEIGHT	starting from 510gr.
BLADE ATTACHMENT	3+3 with shock absorber



0PC4L1090A
0PC4L1090A**20** - 36C/44C
0PC4L1090A**25** - 36C/44C
0PC4L1090A**30** - 36C/44C

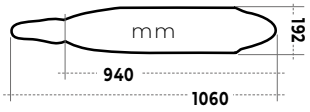
UPON REQUEST, IT IS POSSIBLE TO COMBINE BLADES WITH OTHER COLORS.

L-1090 **BETTA**

MADE IN ITALY

These fins are **specifically designed for freediving** and they feature an hydrodynamic an-ti-turbulence flap. Dedicated blades are available in two stiffnesses: 20 (extra-soft) and 25 (soft). Paired with 200 footpockets, they feature the graphic theme “Betta Splen-dens”. The blades are paired with footpockets with a black upper and white insole. The water rails feature a black and white asymmetrical colouring.

MATERIAL	HT 15T
BLADE HARDNESS	Extra Soft 20 - Soft 25
WATER RAILS	Variable geometry. Overmolded under high pressure
FINS WEIGHT	starting from 510gr.
BLADE ATTACHMENT	3+3 with shock absorber



0PC4L1090B
0PC4L1090B**20** - 36C/44C
0PC4L1090B**25** - 36C/44C

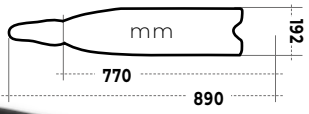
UPON REQUEST, IT IS POSSIBLE TO COMBINE BLADES WITH OTHER COLORS.

S-990 **FIRESTONE**

MADE IN ITALY

These fins are **specifically designed for spearfishing.** The blades with dovetail terminal are available in three stiffnesses: 25 (soft), 30 (medium) and 40 (hard). Paired with 200 footpockets , they feature a visible carbon fiber graphics and colouring in black and red, for the logos, water rails and the footpockets. The water rails feature an asymmetrical colouring.

MATERIAL	HT 15T
BLADE HARDNESS	Soft 25 - Medium 30 - Hard 40
WATER RAILS	Variable geometry. Overmolded under high pressure
FINS WEIGHT	starting from 450gr.
BLADE ATTACHMENT	3+3 with shock absorber



BEST CHOICE apneaTV FINALIST

UPON REQUEST, IT IS POSSIBLE TO COMBINE BLADES WITH OTHER COLORS.

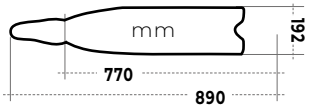
0PC4S990F
0PC4S990F**25** - 36C/44C
0PC4S990F**30** - 36C/44C
0PC4S990F**40** - 36C/44C

S-990 **CAMU**

MADE IN ITALY

These fins are **specifically designed for spearfishing**. The blades with dovetail terminal are available in three stiffnesses: 25 (soft), 30 (medium) and 40 (hard). Paired with 200 footpockets , they feature a visible carbon fiber graphics and colouring in green and brown, for the logos, water rails and the footpockets. The water rails feature an asym-metrical colouring.

MATERIAL	HT 15T
BLADE HARDNESS	Soft 25 - Medium 30 - Hard 40
WATER RAILS	Variable geometry. Overmolded under high pressure
FINS WEIGHT	starting from 450gr.
BLADE ATTACHMENT	3+3 with shock absorber



UPON REQUEST, IT IS POSSIBLE TO COMBINE BLADES WITH OTHER COLORS.

0PC4S990C
0PC4S990C**25** - 36C/44C
0PC4S990C**30** - 36C/44C
0PC4S990C**40** - 36C/44C


ORIS

CARBON FIBER BLADE FINS

MADE IN ITALY

MB FINS

For the development of these fins we started from the design of the foot pocket. MB Fins feature the new 250 foot pocket, a direct derivation of the previous 300 model.
Thanks to the use of a TPE 75 ShA polymer overmolded on a rigid sole, the 250 foot pocket transmits energy from the foot to the blade in the best possible way, resulting in highly efficient fins.
The design of the geometries has allowed to use minimum thicknesses resulting in a reduction of the weight of the 250 footpocket in size 41/42 to just 250gr.

WATER RAIL
MB fins feature new rounded section water rails that improve water containment on the blade and reduce water vortexes on the outer sides.

ANATOMY
The 3° pre-shaped anatomy of the 250 makes it particularly comfortable to wear.
The reduced thicknesses fit the shape of the upper to the shape of the foot, without painful constraints.

SURFACE
matte surface finish

PERFORMANCE
The connection between the foot pocket and the blade, thanks to the internal sole, is rigid and solid, and transmits the force to the blades efficiently.
The assembly of the blade on the footpocket without side horns, already created by C4 in 2006, allows an elastic bending of the blade along its entire length.

MB BLADES
In MB fins, the major factor that increases performance is the new dedicated "Reverse Parabolic" lamination; a parabolic curvature which, instead of having the part with greater flexion at the top, it is near the foot.
This dedicated lamination significantly changes the mechanical behaviour of the fin. The surface that generates the thrust is in fact greater than the surface that generates hydrodynamic resistance, thus producing greater elastic deformations and greater propulsion. There is such a big advantage that it is possible to use stiffer blades, therefore with greater performance, but using the same effort normally used with lighter blades.
Taking advantage of this feature we have raised the relative performance. A "+" has been added to the hardnesses. This is because, flexed in the hand, an MB 25+ is stiff and pushes as much as a standard 30 while weighing in the water like a 25. Restarts from the bottom, accelerations and speeds are thus higher.

MB fins are named after their creator: Marco Bonfanti, who wanted to personally sign his new fin project featuring the "Reverse Parabolic" curved blades.

MB **001**

MADE IN ITALY

MB1 are the futuristic version of the traditional spearfishing universal fin.

MATERIAL	T 700
BLADE HARDNESS	20+, 25+, 30+
WATER RAILS	ELASTIC-K10 NERO
FINS WEIGHT	starting from 500 gr.

0PC4MB1
0PC4MB**120** - 36C/44C
0PC4MB**125** - 36C/44C
0PC4MB**130** - 36C/44C

UPON REQUEST, IT IS POSSIBLE TO PAIR THESE BLADES WITH WHITE COLOR 250 FOOTPOCKETS

MB **002**

MADE IN ITALY

MB2 are long fins designed for deep dives. They combine performance and tradition.

MATERIAL	T 700
BLADE HARDNESS	20+, 25+, 30+
WATER RAILS	ELASTIC-K10 NERO
FINS WEIGHT	tarting from 520 g

0PC4MB2
0PC4MB**220** - 36C/44C
0PC4MB**225** - 36C/44C
0PC4MB**230** - 36C/44C

UPON REQUEST, IT IS POSSIBLE TO PAIR THESE BLADES WITH WHITE COLOR 250 FOOTPOCKETS

FALCON *BLADE*

MADE IN ITALY

FALCON are fin blades made in 100% T700 SUPERFORCE carbon fibre material. **They can be assembled on traditional foot pockets such as Mares Razor and Omersub Stingray.**

MATERIAL	T700 Superforce
BLADE HARDNESS	25 soft – 30 medium 40 hard
WATER RAILS	Elastic-K10 black
FINS WEIGHT	a partire da 600 gr

0BC4FAL
0BC4FAL**25**
0BC4FAL**30**

UPON REQUEST, IT IS POSSIBLE TO PAIR THESE BLADES WITH WHITE COLOR 400 FOOTPOCKETS

UP

MADE IN ITALY

Umberto Pelizzari

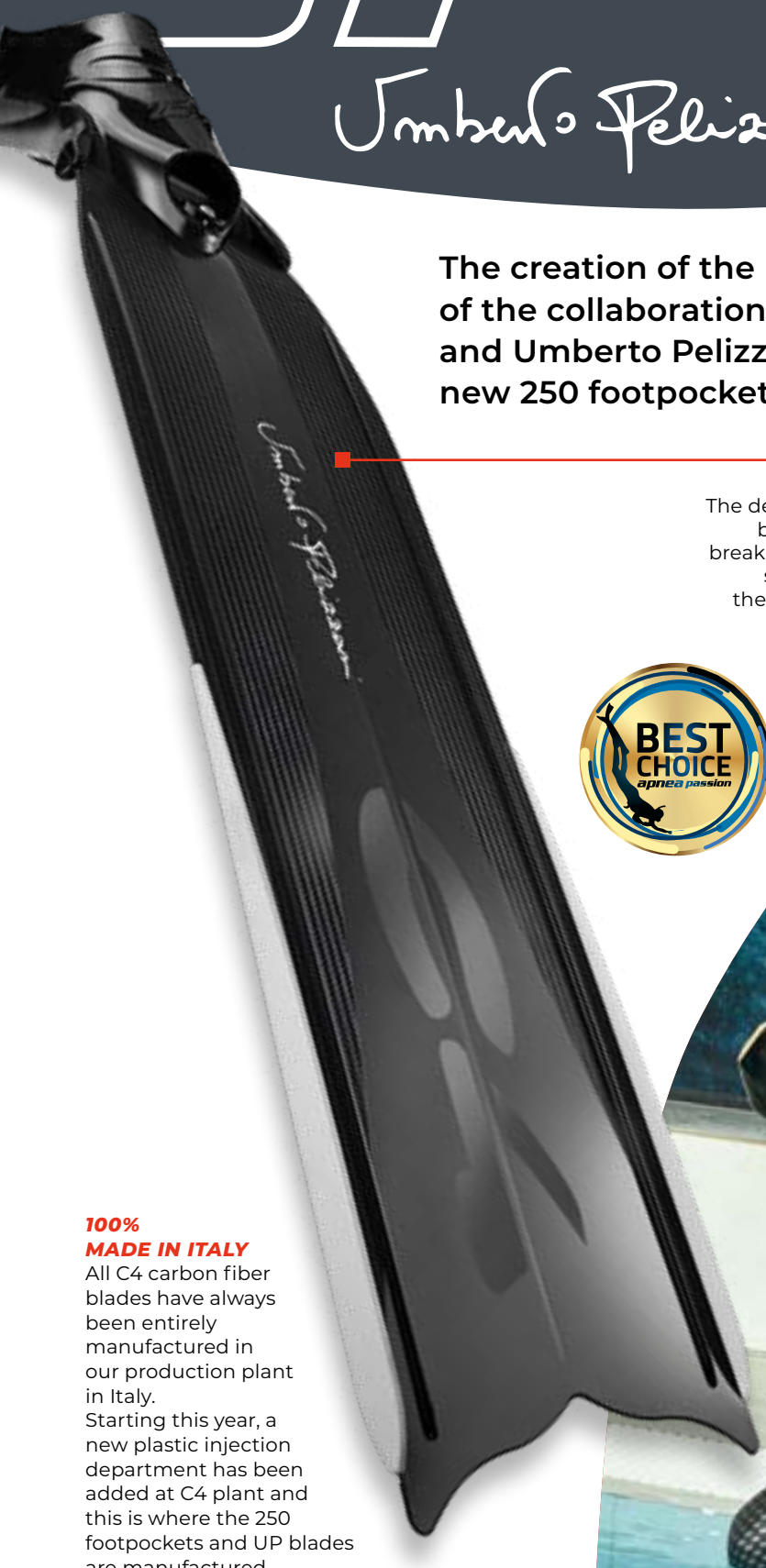
WATCH THE VIDEO OF THE PRODUCT BEEN TESTED IN THE WATER

The creation of the UP fins is the result of the collaboration between C4 and Umberto Pelizzari. These fins feature the new 250 footpockets and thermoplastic blades.

MATERIALS

The design and material of the blade are key features to obtain both softness, high elastic return and strong resistance to breaking. C4 has selected and tested many different polymers, selecting two blends, one for the Soft version and one for the Medium stiffness blades. These two solutions guarantee extremely high performance and resistance.

BEST CHOICE apnea passion



100%
MADE IN ITALY

All C4 carbon fiber blades have always been entirely manufactured in our production plant in Italy.
Starting this year, a new plastic injection department has been added at C4 plant and this is where the 250 footpockets and UP blades are manufactured.

PLASTIC BLADE FINS

FOOT POCKET 250

Thanks to the use of a TPE 75 ShA polymer overmolded on a rigid sole, the 250 foot pocket transmits energy from the foot to the blade in the best possible way, resulting in highly efficient fins.
The design of the geometries has allowed to use minimum thicknesses resulting in a reduction of the weight of the 250 footpocket in size 41/42 to just 250gr.

PERFORMANCE

The connection between the foot pocket and the blade, thanks to the internal sole, is rigid and solid, and transmits the force to the blades efficiently.
The assembly of the blade on the footpocket without side horns, already created by C4 in 2006, allows an elastic bending of the blade along its entire length.

MATERIAL

The polymer used for the 250 foot pocket is particularly elastic and allows for an easy and simple fit, thus improving comfort. The insole allows to have a stiff footpocket in the sole area but comfortable in the upper.

TRANSPORTATION

The 250 footpocket features a simple assembly of the blade thanks to a single sturdy M6 screw. The assembly and disassembly of the blade is quick and simple and the overall dimensions are optimal in case of air travel.

INTEGRATED WATER RAILS

A key element feature by the C4 Umberto Pelizzari fins is the fact that the water rails are over-moulded on the blades. The length (30.2* cm), the variable height (max 17.8* mm), the thickness (3.3* mm) and the material (thermo rubber) are another important feature of these blades.

LOW WEIGHT

Today the C4 Umberto Pelizzari fins are by far the lightest on the market of long polymer blade fins. They weigh less than 1200 grams a pair.

MATERIAL	Thermoplastic
BLADE HARDNESS	SOFT - MEDIUM
WATER RAILS	**CO-MOULDED IN ELASTIC THERMOPLASTIC**
FINS WEIGHT	Starting from 670 g

	0PC4UP
MEDIUM	0PC4UP**M 36-44**
SOFT	0PC4UP**S 36-44**

UPON REQUEST, IT IS POSSIBLE TO PAIR THESE BLADES WITH WHITE COLOR 250 FOOTPOCKETS

PREDATOR

MADE IN ITALY

NEW

Manufactured entirely at C4 plant in Italy, Predator fins are made by overmolding a technopolymer blade with 250 foot pockets. These fins are ideal not only for diving novices but also for more experienced spearfishermen and freedivers who want a light fin with a comfortable foot pocket, a soft but reactive blade, and who do not consider it essential to have a fin with a blade that can be disassembled from the foot pocket.

FOOTPOCKETS 250

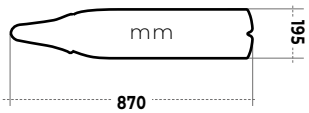
PREDATOR fins are equipped with the new 250 footpockets. Thanks to the use of a TPE 75 ShA polymer, the energy transmission of the 250 footpocket to the blade is increased, thus obtaining highly efficient fins.
The study of the geometries has allowed us to obtain minimum thicknesses, allowing the weight of the 250 footpocket in size 41/42 to be reduced to just 250 grams.

BLADE MATERIAL	TECHNOPOLYMER
FOOTPOCKET MATERIAL	TPE 75 SHA
BLADE HARDNESS	SOFT
WATER RAILS	YES
FIN WEIGHT	630 GR WITH FOOT POCKET SIZE 42/43

BLADE PREDATOR

We have sourced and tested a specific polymer to obtain a soft blade with high elastic return and strong resistance to breakage,
The presence of water rails in the final part of the blade prevents the fin from drifting during the kick, thus improving performance.

EU	US
36/37	4/4.5
38/39	5.5/6
40/41	7/8
41/42	8/9
42/43	8.5/9.5
43/44	9.5/10.5
44/45	11/12
46/47	12,5/13



with foot pocket size 42/43

0PC4250PRE
0PC4250PRE **36-46**

100% MADE IN ITALY

All C4 carbon fiber blades have always been entirely manufactured in our production plant in Italy.
Starting this year, a new plastic injection department has been added at C4 plant and this is where the 250 footpockets and PREDATOR blades are manufactured.

PLASTIC BLADE FINS

STORM

MADE IN ITALY

Manufactured entirely at C4 plant in Italy, STORM fins are made by over-molding a technopolymer blade with 250 footpockets.

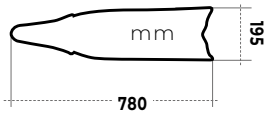
These fins are ideal not only for diving novices but also for experienced spearos and freedivers who spearfish in shallow waters (0-18mt)

Storm fins feature a comfortable foot pocket, a soft and reactive blade but 10 cm shorter than the standard length featured on spearfishing fins.

FOOTPOCKETS 250

STORM fins are equipped with the new 250 footpockets.
Thanks to the use of a TPE 75 ShA polymer, the energy transmission of the 250 footpocket to the blade in increased, thus obtaining highly efficient fins.
The study of the geometries has allowed us to obtain minimum thicknesses, allowing the weight of the 250 liner in size 41/42 to be reduced to just 250 grams.

BLADE MATERIAL	TECHNOPOLYMER
FOOTPOCKET MATERIAL	TPE 75 SHA
BLADE HARDNESS	SOFT
WATER RAILS	YES
FIN WEIGHT	590 GR WITH FOOT POCKET SIZE 42/43



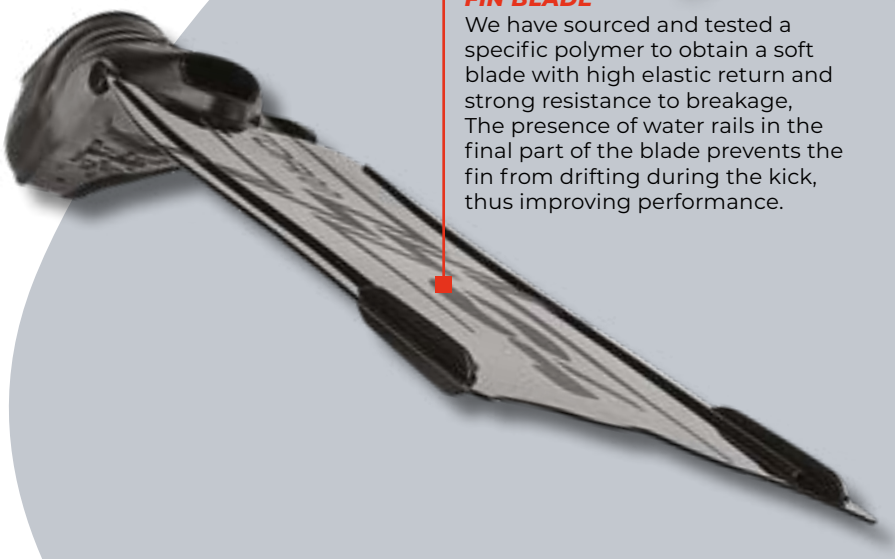
with foot pocket size 42/43

0PC4250ST
0PC4250ST **36-46**

EU	US
36/37	4/4.5
38/39	5.5/6
40/41	7/8
41/42	8/9
42/43	8.5/9.5
43/44	9.5/10.5
44/45	11/12
46/47	12,5/13

100% MADE IN ITALY

All C4 carbon fiber blades have always been entirely manufactured in our production plant in Italy.
Starting this year, a new plastic injection department has been added at C4 plant and this is where the 250 footpockets and STORM blades are manufactured.



FIN BLADE

We have sourced and tested a specific polymer to obtain a soft blade with high elastic return and strong resistance to breakage,
The presence of water rails in the final part of the blade prevents the fin from drifting during the kick, thus improving performance.


ENG