



POWERSKIN CARBON RANGE

2020 COLLECTION



arena

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A swimmer in a black swimsuit and goggles is captured mid-stroke in a pool. The swimmer is wearing a white swim cap with the brand name 'arena' visible. The water is clear blue, and there are blue lane lines on either side. A large, semi-transparent green graphic element is on the right side of the image. The text 'THE FEELING OF VICTORY' is overlaid in the center.

THE FEELING OF VICTORY



Finding the perfect racing suit can be frustrating.

Most are designed to accommodate all athletes, but swimmers often vary in terms of comfort preferences, events swum and feeling in the water.

At arena, we understand that your needs are unique and that you deserve to compete in a suit that reflects this. That's why we have spent over 45 years working alongside the world's top athletes, universities and innovation centers to develop technical suits that allow you to be **the best version of yourself when racing.**

Whether you want to feel **FAST, POWERFUL, LIGHT**, or **RIGHT**, there's one ultimate feeling that we want to help you get closer to the **FEELING OF VICTORY.**

An underwater photograph of a swimmer's hand in a purple glove touching the tiled wall of a pool. The water is clear blue, and a lane line is visible in the background. The text is overlaid on the left side of the image.

PRESENTING 2020 ARENA POWERSKIN CARBON RANGE

We are proud to introduce the **POWERSKIN Carbon GLIDE**, as well as the **POWERSKIN Carbon CORE FX**, our two newest racing suits.

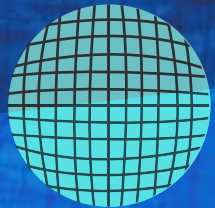
These, together with the recently released **POWERSKIN Carbon DUO** and **POWERSKIN Carbon Air²**, complete the **POWERSKIN Carbon range**, our widest technical suit range ever.

The series was created to provide you the freedom to choose what suits you best so that you can touch the wall feeling victorious.

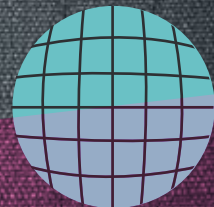


**FEEL THE VICTORY
IN YOUR OWN WAY**

na



**CARBON
EXTREME CAGE**



CARBON CAGE



CARBON BANDS

CARBON TECHNOLOGY

Carbon fibre is made up of very thin strands of carbon - even thinner than human hair - which can be twisted together like yarn, and then **woven into cloth**. It's five times **as strong as steel** and twice as stiff, but **only one third** of its **weight**.

By **weaving elastomer yarns** across a special **carbon fibre** grid, the inherent strength and stiffness of the carbon threads serve as a protective web that **regulates stretching by stiffening** the fabric once a **critical stress level** is reached, thus preventing uneven stress damage.

arena incorporates carbon fiber into the weave of the powerskin carbon fabric.
Carbon fibre locks down when and where a critical stress level is reached while retaining the suit's elasticity.

POWERSKIN
CARBON GLIDE



CARBON
EXTREME
CAGE

POWERSKIN
CARBON CORE FX



CARBON
CAGE

POWERSKIN
CARBON DUO



CARBON
BANDS CARBON
CAGE

POWERSKIN
CARBON AIR²



CARBON
BANDS

ADAM PEATY

FEEL THE GLIDE

POWERSKIN
CARBON GLIDE

TWO COMPLETELY NEW FABRICS COMBINED TO DELIVER
AN UNBELIEVABLE FEELING OF SPEED IN THE WATER.



POWERSKIN
CARBON GLIDE

THE GLIDE YOU NEED TO FEEL FAST.

The way that you feel in the water has a huge impact on your race, so you need to trust that you'll feel smooth and fast right from the first dive off the blocks.

With the new **Powerskin Carbon Glide**, a sensation of speed is harnessed through technology built to provide an enhanced glide, giving you the sensation of cutting seamlessly through the water.

RANGE

003663 - W PWSKIN CARBON GLIDE OPEN BACK

003664 - W PWSKIN CARBON GLIDE CLOSED BACK

003665 - M PWSKIN CARBON GLIDE JAMMER

COMPOSITION

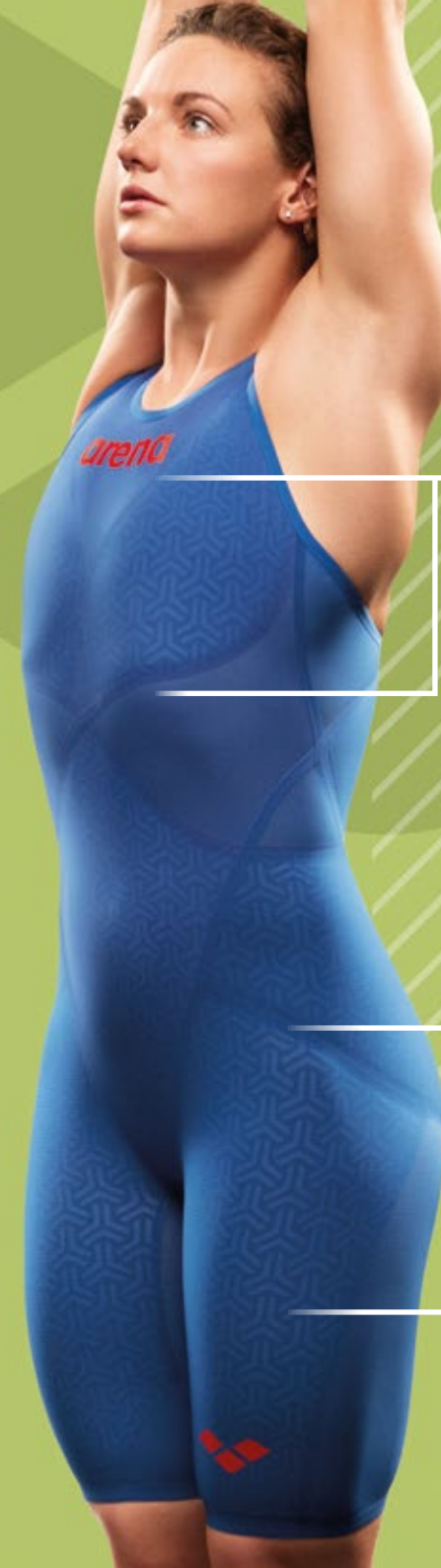
Outer Shell - Fabric 1 (Hydroglide): 58% Polyamide / 42% Elastane

Outer Shell - Fabric 2: 64% Polyamide / 34% Elastane / 2% Carbon Fiber

Inside Lining: 49% Polyamide / 50% Elastane / 1% Carbon Fiber



KATINKA HOSSZÚ



HYDROGLIDE FABRIC

Smooth, ultralight and with a low profile. For sensational underwater glide. Lower drag and reduced turbulence in critical zones.

UNIQUE INTERNAL TAPING STRUCTURE

Carbon infused woven lining, placed strategically to activate major muscle groups. For an added feeling of support, body hold and streamlined speed.

CARBON EXTREME CAGE COMPRESSION

A tight horizontal and vertical grid that surrounds specific muscle groups for strong muscle compression but with a light feel. Low drag.

KATINKA HOSSZÚ

FEEL THE POWER

POWERSKIN
CARBON CORE FX

A NEW TWIN-TAPE STRUCTURE FOR A LEG LIFTING EFFECT AND OUR ALL OVER CARBON CAGE FABRIC PROVIDE A POWERFUL SENSATION OF BODY STABILIZATION.

COMPRESSION THAT LIFTS YOU TO NEW HEIGHTS.

Most compressive racing suits can leave you feeling restricted.

With the Powerskin Core FX though, you'll feel additional core support, a tightness that still allows for freedom of movement, and a lifting effect that keeps your body position high throughout your race.

RANGE

003655 - W PWSKIN CARBON CORE FX OPEN BACK
003658 - W PWSKIN CARBON CORE FX CLOSED BACK
001130 - M PWSKIN CARBON CORE FX JAMMER

COMPOSITION

Outer Shell: 52% Polyamide / 47% Elastane / 1% Carbon Fiber
Inside Lining: 49% Polyamide / 50% Elastane / 1% Carbon Fiber



RANOMI KROMOWIDJOJO



POWERSKIN
CARBON CORE FX

FRONT CHEST APERTURE IN LINING

For better upper body flexibility, without compromising on overall compression and support (women's suit only).

LARGE INTERNAL LINING COVERAGE

For enhanced core stability and body position for lower drag. With a maximum, evenly distributed pressure profile and a locked-in feel through the legs and torso (women's suit only).

INTERNAL TAPING SYSTEM

For a sensation of powerful support and core stabilization.

TWIN-TAPE STRUCTURE

On the back of the legs for a lifting effect to help hold a high body position even when fatigued. For maximum hip-height in the water.

CARBON CAGE COMPRESSION TECHNOLOGY

A horizontal and vertical grid that surrounds specific muscle groups for very strong and durable all over muscle compression with a locked-in feel.

KIRA TOUSSAINT

FEEL THE PERFECT FIT

POWERSKIN

CARBON DUO

arena

FIRST EVER TWO-PIECE RACE SUIT FOR WOMEN,
ALLOWING FOR CUSTOMIZED FIT THAT FEELS JUST RIGHT.



POWERSKIN
CARBON DUO

TWO PIECES COMBINE FOR ONE PERFECT FIT.

Finding a racing suit that complements the proportions of your body is often difficult, leaving many women compromising on comfort.

With the Powerskin Carbon Duo, you can personalize the process by tailoring each of the two pieces to better fit both your torso and legs, allowing for an optimal fit.

RANGE

002757 - W PWSKIN CARBON DUO TOP

002758 - W PWSKIN CARBON DUO BOTTOM

COMPOSITION

Outer Shell (TOP): 65% Polyamide / 34% Elastane / 1% Carbon Fiber

Inside Lining (TOP): 52% Polyamide / 47% Elastane / 1% Carbon Fiber

Outer Shell (BOTTOM): 52% Polyamide / 47% Elastane / 1% Carbon Fiber



KIRA TOUSSAINT



TOP

Extremely lightweight fabric with Carbon Band Compression Technology for a light but supportive feel and less pressure on shoulders.

Two panel lining in the chest area allows to breathe comfortably.

SILICON BANDS

That lock the top and bottom tightly together without allowing anything to pass through. For the feel of a one-piece suit with low drag.

BOTTOM

Light fabric with Carbon Cage technology that surrounds specific muscle groups for very strong and durable muscle compression to support hip positioning.

RANOMI KROMOWIDJOJO

FEEL THE LIGHTNESS

POWERSKIN
CARBON AIR²

BUILT WITH ONE PIECE OF CARBON BAND FABRIC
FOR AN UNPARALLELED SECOND SKIN FEELING.



SLIP INTO YOUR SECOND SKIN

Tight racing suits can feel painful on your skin and constricting on your body as you move.

The Powerskin Carbon Air² is designed to instead act as a second skin, providing mild compression and high levels of comfort that leaves you feeling light as air as you breeze through the water.

RANGE

- 001128 - W PWSKIN CARBON AIR² OPEN BACK
- 001129 - W PWSKIN CARBON AIR² CLOSED BACK
- 001130 - M PWSKIN CARBON AIR² JAMMER

COMPOSITION

Outer Shell: 65% Polyamide / 34% Elastane / 1% Carbon Fiber
Inside Lining: 65% Polyamide / 34% Elastane / 1% Carbon Fiber



GREGORIO PALTRINIERI



POWERSKIN
CARBON AIR²

INTERNAL LINING

Designed in 3 separate panels, offering enhanced freedom of movement.

DURABLE, LIGHTWEIGHT FABRIC WITH CARBON BANDS COMPRESSION TECHNOLOGY

With horizontal bands for light compression, comfort and flexibility.

ONE-PIECE CONSTRUCTION

For reduced pressure on hips and a second skin fit.

POWERSKIN



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