

POWERSHAPE
TECH

ION

ULTRA-RESPONSIVE
FULL POWER
TRANSFER

ENERGY-SAVING
PATENTED ARCH
SUPPORT

THE POWER TRANSFER BENCHMARK

Nearly two years studying pro riders, and dozens of prototypes created to find the perfect shape and thicknesses to adapt to all feet. This is the best direct power transfer you've ever felt. Once you have clipped into the pedals and tried the Powershape® Carbon 15, you will understand true power.

100% UD CARBON MAXIMUM STIFFNESS

100% unidirectional carbon – the stiffest on the market – and a tubular-inspired design for maximum possible stiffness: every watt is precious, and now with Powershape® Carbon 15 you won't lose a single one.

POWERSHAPE SAVES ENERGY

The Powershape® arch support's patented shape has been developed to maximize the efficiency of your pedal stroke. The arch support avoids pressing hard on the sole during the downstroke, so your pedal stroke is smoother, round and – more importantly – effective. The result is an incredible response that instantly unleashes all your power but with no energy loss.

FULL CARBON
ULTRA

POWERSHAPE®

POWERSHAPE



SHOES

SOLES OVERVIEW

ROAD SOLES

POWERSHAPE CARBON 15

STIFFNESS INDEX 15



The new performance benchmark for road cycling soles. Made from 100% unidirectional carbon, it has been developed to ensure 100% of rider power is transferred to the pedals without wasting any energy as every watt is precious. The secret lies in the exclusive patented Powershape® system for the arch; dozens of prototypes were created to find the perfect shape and thicknesses to adapt to all feet and arches. You really feel the benefit when the foot presses on the pedal for the downstroke and the arch support maximizes the response by transferring all the energy to the pedals and preventing any waste. It also has an optional adaptor, so is compatible with Speedplay pedals.

MORPH CARBON 12AAS

STIFFNESS INDEX 12



Power straight to the pedals and arch support for any shape of foot. The full-carbon insert in the pedal area delivers an excellent response on the pedals without impacting the low-weight design or first-rate ventilation. The Morph Carbon 12 AAS sole features the exclusive Anatomical Arch Support®: a TPU arch support integrated between the sole and the upper that enables the shoe to adapt to the arch while providing the best possible support when riding. TPU offers a reduced degree of flex so is an ideal material for long-distance riding.

MORPH AAS 10

STIFFNESS INDEX 10



Made with a blend of composite fibres selected to maximize stiffness, the Morph 10 AAS sole provides better power transfer than the competitors in its class. Its secret lies in the exclusive Anatomical Arch Support®: a TPU arch support integrated between the sole and the upper that provides the best possible support when riding. Optional Speedplay adapter for a zero stack height mounting of cleats.

NRG AIR CARBON

STIFFNESS INDEX 8



NRG Air Carbon Reinforced provides increased stiffness thanks to the new blend of nylon reinforced with fiberglass and enriched with carbon. As with the whole road soles collection, it features the AirFlow ventilation system. Vents favour an optimal air flow in and out. Compatible with SPD pedals.

NRG AIR

STIFFNESS INDEX 6



In nylon and fiberglass: ideal for those who require a lightweight technical solution with calibrated stiffness that matches your need for comfort. Compatible with SPD pedals.

XC SOLES

HYPERLIGHT XC

STIFFNESS INDEX 14



100% realized in unidirectional carbon fiber, it's the outcome of biomechanical studies to locate materials only where actually needed for maximum efficiency, so to be able to combine very low weight and extreme rigidity. The sole's sculptures are realized through the innovative Dual Layers Compound Technology, atom-by-atom bonded softer and harder compounds to increase flexibility, stability and adherence: the first provides maximum flexibility, acting like an independent suspension, while the second is tougher and more resistant, for improved traction and endurance. Aggressive sculptures in the toe and heel areas provide the ideal grip and traction, while the side sculptures are there to guarantee stability, and are melted into the soles structure for unprecedented resistance.

CARBON XC 12

STIFFNESS INDEX 12



Extremely stiff when pedaling, thanks to the full-carbon insert in the pedal area, it ensures a long distance advantage thanks to the extra flex in the medial zone. Engineered with TPU inserts in strategic points to ensure high traction and outstanding wear resistance, it stands out for its minimalist design that allowed to locate materials only where actually needed for maximum efficiency.

CARBON XC 10

STIFFNESS INDEX 10



Performance and light weight in a sole made from ultra-stiff compounds with a minimalist design that means materials are only used where needed to ensure maximum efficiency. Strategically placed TPU inserts deliver top-flight traction and outstanding abrasion resistance.

SPEEDLIGHT 3D

STIFFNESS INDEX 8



Performance and lightness. The nylon chassis is filled with fiberglass and co-injected to the outer polished TPU shell to create a super-stiff sole with low weight. Aggressive tread blocks and a rubber insert in the medial zone ensure optimum grip.

JAWS

STIFFNESS INDEX 6



Ideal for those who require a technical product combined with comfort. And above all the grip thanks to the natural rubber tread.

XC / TRAIL SOLES

EXPLORER

STIFFNESS INDEX 8



Northwave developed this sole with Michelin Technical Soles to combine XC performance with the traction to walk securely on any terrain. The calibrated stiffness midsole unleashes pure power in the pedal area, while the more flexible medial zone makes it feel great when walking. The tread, whose pattern is inspired by two Michelin off-road tyres, and the outer shell are made from 100% Michelin rubber which is 28% more wear resistant than TPU and delivers excellent grip in all weathers.

X-FIRE MICHELIN

STIFFNESS INDEX 8



Inspired to the technical characteristics of two popular Michelin tires: Wild Dig'R and Country Rock, it's realized with two different compounds (Dual Compound), softer in the inner part for better grip, a harder and more resistant one on the outside for improved shielding from abrasions and wear, X-Fire features aggressive sculptures in the toes area for optimal traction even on loose terrain, while those in the heel area help to improve grip and stability when the foot hits the ground. The cleat area – with extended adjustment range for greater versatility – was conceived with a special design for faster clipping and better grip. In addition, Northwave X-Crossbow construction extends the heel area's elasticity, improving the shoe's shock absorption.

X-CROSSBOW MICHELIN

STIFFNESS INDEX 5



Northwave developed this all-mountain sole with Michelin Technical Soles. Inspired by two MTB tyres, the tread pattern features a large number of edges and smaller tread blocks for maximum traction on all surfaces and increased self-cleaning ability. This top-of-the-range sole is designed with the X-Crossbow double crossbow construction for incredible foot support and impressive shock absorption in the heel area. The inner insert gradually moulds to the foot for optimal stiffness when riding but enhanced comfort when walking, ensuring a top-flight response in any situation.

DAMP-LITE

STIFFNESS INDEX 4



All-Around outsole extremely light thanks to the EVA structure. The natural rubber tread is designed starting from the design of off-road tyres so as to ensure excellent grip and traction. The calibrated stiffness makes it ideal for both walking and cycling.

FLAT SOLES

GRAVITY FPS

It's more than just a sole; it's a system designed with three different components to provide total control of the pedals. The first is the rubber tread made with the exclusive Gecko+ compound co-developed by MICHELIN and NORTHWAVE to deliver unrivalled grip in any conditions. The rubber has been extended to include the toe and arch for added support and protection. The second is unique in its class; a TPU mid-layer adaptive shank with calibrated stiffness plus targeted lengthwise and crosswise openings for greater control and support. Finally, the EVA midsole minimizes the weight of the sole while ensuring excellent shock absorption.



GRAVITY

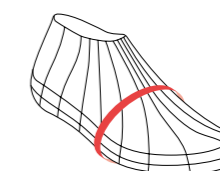
Instantly recognizable with a skateboard-inspired design, it's made with the Gecko compound co-developed by MICHELIN and NORTHWAVE that ensures optimum grip on the pedals and a thin EVA midsole for enhanced shock absorption. The design of the tread blocks is more aggressive to provide added traction when walking on any terrain.



LAST TECHNOLOGIES



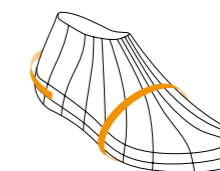
Tests on hundreds of feet and countless trials have created the perfect shape for transferring 100% of your power straight to the pedals. The toe is designed to be just the right size to prevent any numbness, while the slightly set-back instep and the special snug-fitting design of the heel hold the foot in place during every pedal stroke and prevent any slipping.



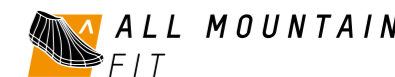
+ 5 mm



The same features as the Regular shape but customized for people who need a wider fit or feel cramped wearing the standard shape.



+ 4 mm



Specially designed for all-mountain wear. This shape transfers the power to the pedals but also has a wider sole, larger toe and more spacious heel so shoes feel just as great when walking.



SLW2 GETS DOUBLE

The XFrame construction set new standards for the fit of road race shoes and eliminating their pressure points. Our most demanding riders challenged us to take it to the next level: make the fit even more customizable. Northwave's response? We added the double SLW2 dial that lets you tighten the fit around the instep and forefoot to different degrees for custom-fit adjustability and even finer adaptability. XFrame 2 retains all the same cool features that put the first-generation XFrame in a class of its own, like plastic inserts replaced with soft tapes, and the soft, flexible Dyneema cable that naturally conforms to the shape of each foot.

THE PERFECT FIT. PERFECTED.

After revolutionizing upper design and setting the benchmark for how to transfer every watt of power while providing the snuggest, even fit with no pressure points, XFrame® has now evolved into XFrame 2® to bring you an unrivalled standard of custom fit that adapts to any type of foot.

NEXT-GENERATION MATERIAL

By researching materials we have selected a new-generation microfibre that is even softer and more adaptable but without the stretch: this means a guaranteed snug fit, greater stability and a perfect connection between the sole and closure.

KEY FEATURES

- 1 THE SNUGGEST FIT
WITH ZERO
PRESSURE POINTS
- 2 DIRECT-TO-PEDAL
POWER TRANSFER
- 3 CUSTOM-FIT
ADJUSTABILITY

XFRAME 2

THE BENEFITS

The upper adapts perfectly to the shape of any foot to ensure the suggest fit and zero pressure points no matter what the conditions: the customized closure works in synergy with the sole for maximum power transfer to the pedals.

EXTREME [PRO]



GHOST [PRO]



ROAD SHOES



	+		+		+	
						
● EXTREME PRO		● EXTREME GT 2		● REVOLUTION 2		● STORM CARBON
POWER TRANSFER 		POWER TRANSFER 		POWER TRANSFER 		POWER TRANSFER 
LIGHTNESS 		LIGHTNESS 		LIGHTNESS 		LIGHTNESS 
BREATHABILITY 		BREATHABILITY 		BREATHABILITY 		BREATHABILITY 
STIFFNESS INDEX 15 		STIFFNESS INDEX 12 		STIFFNESS INDEX 12 		STIFFNESS INDEX 12 
	+		+		+	
						
● STORM		● CORE PLUS / WIDE		● CORE		● JET 2
POWER TRANSFER 		POWER TRANSFER 		POWER TRANSFER 		POWER TRANSFER 
LIGHTNESS 		LIGHTNESS 		LIGHTNESS 		LIGHTNESS 
BREATHABILITY 		BREATHABILITY 		BREATHABILITY 		BREATHABILITY 
STIFFNESS INDEX 10 		STIFFNESS INDEX 8 		STIFFNESS INDEX 8 		STIFFNESS INDEX 6 
	+		+		+	

ULTRA-RESPONSIVE 100% UD CARBON SOLE WITH FULL POWER TRANSFER AND POWERSHAPE® ANATOMICAL ARCH SUPPORT

XFRAME 2 CONSTRUCTION PROVIDES THE SNUGGEST FIT AND CUSTOM-FIT ADJUSTABILITY



80191023

\$499.99

10 BLACK

● EXTREME PRO

SIZE	HALF SIZE	WEIGHT
36/48	39,5/45,5	274 G

Made from 100% unidirectional carbon, the PowerShape Carbon 15 sole features the exclusive Powershape® system on the arch of the foot that ensures 100% of rider power is transferred to the pedals without wasting any energy. With a stiffness index of 15.0, this is the new performance benchmark for road soles

Speedplay adapter compatible for the lowest stack height between foot and pedal

Made with the patented XFrame 2® construction, the upper transfers every watt of power while providing the snuggest, even fit with no pressure points. The double SLW2 dial differentiates the pressure between the top of the instep and the toe for even better adaptability

Integrated heel system containing directional fibre prevents any slipping

Pro Regular Fit footbed with a stiffened dual density design increases the power transfer



50 WHITE



XFRAME 2 POWERSHAPE



ASTANA
PROTEAM

56 WHITE/BLUE

\$499.99





80201020

● EXTREME GT 2

NEW

\$329.99

90 IRIDESCENT



Morph Carbon 12 AAS sole with full-carbon insert in the pedal area with a stiffness index of 12.0. The exclusive Anatomical Arch Support® made of TPU, allows the shoe to perfectly shape on the bow arch, making it the ideal sole for any type of foot

Speedplay adapter compatible for the lowest stack height between foot and pedal

Made with the patented XFrame 2® construction, the upper transfers every watt of power while providing the snugest, even fit with no pressure points. The double SLW2 dial differentiates the pressure between the top of the instep and the toe for even better adaptability

Double SLW2 dial, the only dial with step-by-step and full release in a single button

Integrated heel system containing directional fibre prevents any slipping

Performance Regular footbed provides greater support

COMPATIBLE WITH NW SPEEDPLAY ADAPTER
cod. 81161005



80201021

● REVOLUTION 2

NEW

\$289.99

95 SILVER REFLECTIVE



Morph Carbon 12 AAS sole with full-carbon insert in the pedal area with a stiffness index of 12.0. The exclusive Anatomical Arch Support® made of TPU, allows the shoe to perfectly shape on the bow arch, making it the ideal sole for any type of foot

Speedplay adapter compatible for the lowest stack height between foot and pedal

The BioMap unibody construction upper has a more anatomical, wraparound design that minimizes energy loss to the pedals

Double SLW2 dial, the only dial with step-by-step and full release in a single button that provides optimal pressure distribution

Integrated heel system ensures efficient heel retention

COMPATIBLE WITH NW SPEEDPLAY ADAPTER
cod. 81161005



59 WHITE/BLACK/BLUE



10 BLACK





80191011
 ● **STORM CARBON** \$239.99

SIZE	HALF SIZE	WEIGHT
36/48	39,5/45,5	274 G

Morph Carbon 12 AAS sole with full-carbon insert in the pedal area with a stiffness index of 12.0. The exclusive Anatomical Arch Support® made of TPU, allows the shoe to perfectly shape on the bow arch, making it the ideal sole for any type of foot

Speedplay adapter compatible for the lowest stack height between foot and pedal

The unibody construction matches strategically placed large mesh inserts with ultrathin reinforced materials to deliver unrivalled breathability and targeted stability

Uber-open-knit mesh ensures even greater airflow

The asymmetric lacing removes pressure from the top of the foot for the optimum snug fit

SLW2 dial plus extra strap: the only dial with step-by-step and full release in a single button

Performance Regular footbed provides greater support

COMPATIBLE WITH NW SPEEDPLAY ADAPTER
 cod. 81161005



56 WHITE/BLUE



29 DARK BLUE



50 WHITE



10 BLACK



80191013
 ● **STORM** \$199.99

SIZE	HALF SIZE	WEIGHT
36/48	39,5/45,5	304 G

Morph 10 AAS sole with a stiffness index of 10.0. The exclusive Anatomical Arch Support® made of TPU, allows the shoe to perfectly shape on the bow arch, making it the ideal sole for any type of foot

Speedplay adapter compatible for the lowest stack height between foot and pedal

The unibody construction matches strategically placed large mesh inserts with ultrathin reinforced materials to deliver unrivalled breathability and targeted stability

The asymmetric lacing removes pressure from the top of the foot for the optimum snug fit

SLW2 dial plus extra strap: the only dial with step-by-step and full release in a single button

Performance Regular footbed provides greater support

COMPATIBLE WITH NW SPEEDPLAY ADAPTER
 cod. 81161005



88 ANTHRA/YELLOW



50 WHITE



10 BLACK



80191014

15 BLACK/RED

CORE PLUS \$169.99

SIZE	HALF SIZE	WEIGHT
36/50	39,5/45,5	270 G

NRG Air Carbon Reinforced sole with a stiffness index of 8.0 and 5 vents for perfect airflow

SPD pedal compatible (cleat plate not included)

The upper's seamless unibody construction reduces pressure points. 4 breathable mesh inserts and pores across the entire surface ensure optimal ventilation

SLW2 dial plus extra strap: the only dial with step-by-step and full release in a single button

SLW2
CLOSING SYSTEM



WIDE
FIT
80191018
CORE PLUS WIDE

10 BLACK
(SIZE 36/48)

40 YELLOW FLUO



52 WHITE/RED



10 BLACK



80191016

04 BLACK/YELLOW FLUO

CORE \$129.99

SIZE	HALF SIZE	WEIGHT
36/50	39,5/45,5	279 G

NRG Air Carbon Reinforced sole with a stiffness index of 8.0 and 5 vents for perfect airflow

SPD pedal compatible (cleat plate not included)

The upper's seamless unibody construction reduces pressure points. 4 breathable mesh inserts and pores across the entire surface ensure optimal ventilation

3 velcro straps



(SIZE 36/50)
10 BLACK



50 WHITE



80191017

88 ANTHRA/YELLOW FLUO

JET 2

SIZE	HALF SIZE	WEIGHT
34/50	39,5/45,5	284 G

NRG Air sole with a stiffness index of 6.0 and 5 vents for perfect airflow

SPD pedal compatible (cleat plate not included)

Upper with minimized stitching for greater comfort

2 velcro straps



50 WHITE



10 BLACK



80191025

04 BLACK YELLOW FLUO

TORPEDO 2 JR \$100.00

SIZE	WEIGHT
32/38	195 G

NRG Air sole with a stiffness index of 6.0 and 5 vents for perfect airflow

SPD pedal compatible (cleat plate not included)

Upper with minimized stitching for greater comfort

2 velcro straps



TRIATHLON SHOES

SHOES



80204020
● TRIBUTE 2 CARBON NEW **\$239.99**

50 WHITE

SIZE
36/48

WEIGHT
289 G

Morph Carbon 12 AAS sole with full-carbon insert in the pedal area with a stiffness index of 12.0. The exclusive Anatomical Arch Support® made of TPU, allows the shoe to perfectly shape on the bow arch, making it the ideal sole for any type of foot

Speedplay adapter compatible for the shortest distance between pedal and foot

Biomap unibody upper made of ultralight microfiber specific for triathlon, 2 straps with upper velcro for side locking



SHOES

80204025
● TRIBUTE 2 NEW **\$169.99**

50 WHITE

SIZE
36/50

WEIGHT
290 G

NRG Air Carbon Reinforced sole combines greatstiffness with 5 vents for perfect airflow

SPD pedals compatible. Cleat plate not included

Upper made of fast wicking and drying microfiber specific for triathlon with easy entrance system to save seconds

2 straps with upper velcro for side locking

