

SOLES OVERVIEW



POWERSHAPE CARBON 15

STIFFNESS INDEX 15 Made from 100% unidirectional carbon, it has been developed to ensure 100% of rider power is transferred to the pedals without wasting any energy. The secret lies in the exclusive patented Powershape® system for the arch; dozens of prototypes were created to find the perfect shape and thickness to adapt to all feet and arches. It also has a special adaptor, so is compatible with Speedplay pedals.



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, softer and harder compounds to increase flexibility, stability and adherence: the first provides maximum flexibility, while the second is tougher and more resistant, for improved traction and endurance.



MORPH CARBON 12 AAS

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 flexion so is an ideal material for long-distance riding.



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.



MORPH AAS 10

STIFFNESS INDEX 10 Made with a blend of composite fibres selected to maximize stiffness, the Morph 10AAS 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. It also has a special adaptor, so is compatible with Speedplay pedals.



CARBON XC 10

STIFFNESS INDEX 10 Performance and light weight in a sole made from ultra-stiff composites 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.



NRG AIR CARBON

STIFFNESS INDEX 6 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.



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.



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.



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.



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-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-light response in any situation.



X-FIRE MICHELIN

STIFFNESS INDEX 8 Inspired to the technical characteristics of two popular Michelin tires, 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.



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 tires so as to ensure excellent grip and traction. The calibrated stiffness makes it ideal for both walking and cycling.



GRAVITY FPS

More than just a sole, a system designed with three different components to provide total control of the pedals. The rubber tread made with the exclusive Gecko® compound co-developed with MICHELIN to deliver unrivalled grip in any conditions; has been extended to include the toe and arch for added support and protection. A TPU mid-layer adaptive shank, unique in its class, 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.