

CALLING IT A TIRE WOULD BE AN INSULT

Mondo S-Works



MEET THE FASTEST PIECE OF ENDURANCE
ENGINEERING ON EARTH

Calling It a Tire Would Be An Insult

The S-Works Mondo is more than compounds and casing, more than bead and breaker. We believe it's the fastest piece of endurance engineering on earth. Riders are pushing road bikes farther than ever — longer miles, rougher roads, bad weather, even exploration on dirt and gravel — and usually at full gas. The concept of a simple 'endurance tire' or 'all-weather tire' is dead. No longer is puncture protection and long tread life enough. Riders want to ride every road with the perfect blend of race-like speed, insane tread life, and next-level puncture protection. The S-Works Mondo tubeless tire was made for these riders. It's our go-anywhere, do-anything, never-sacrifice-again tire, and when it comes to the competition, the Mondo is untouchable*.

MONDO S-WORKS

Lotte Kopecky

TEAM SD-WORX. 2023 PARIS-ROUBAIX

SPECIALIZED BICYCLE COMPONENTS

Unmatched in Class Efficiency

T2



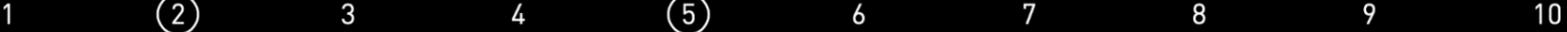
Speed Compound. Nothing is faster.
Low Hysteresis. High wear resistance.

T5



Allround compound. Rolls well. Grips Well. Planted feel.

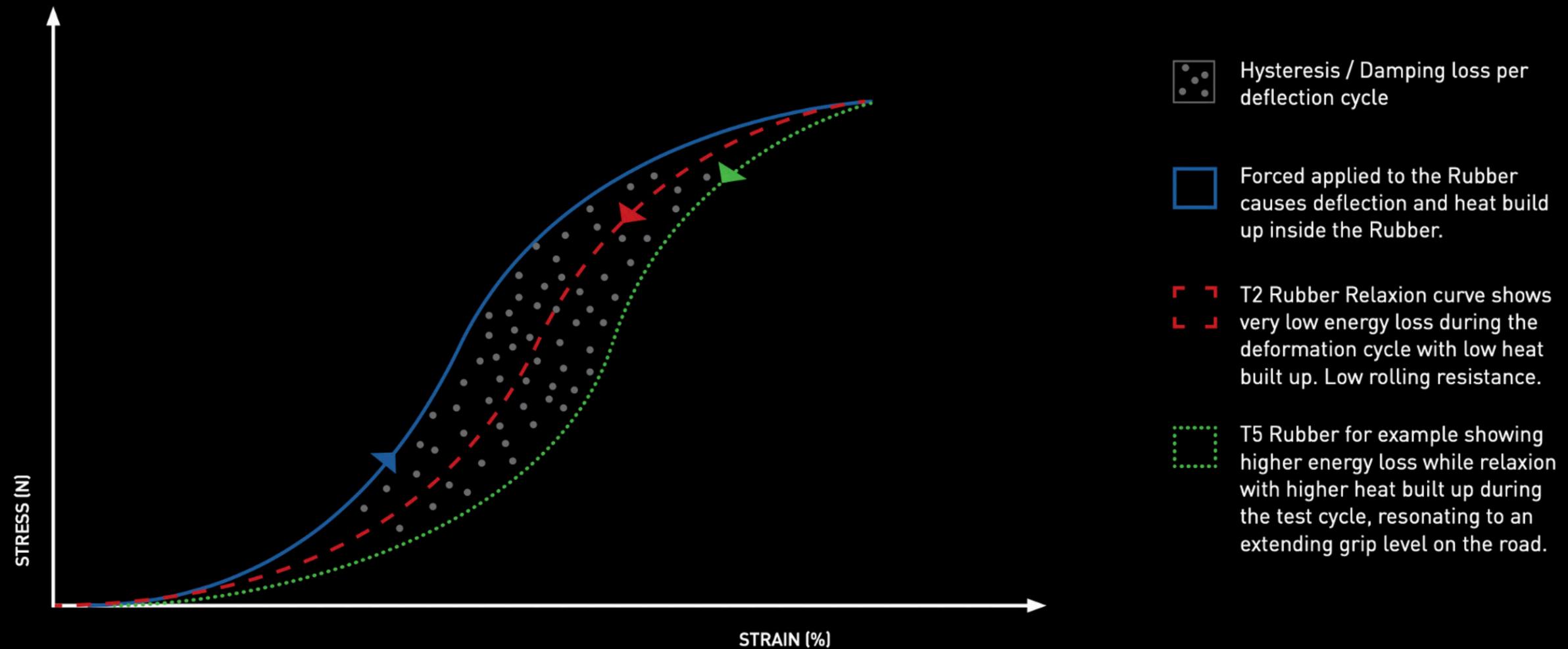
GRIPTON
TREAD COMPOUND
FORMULATION NUMBER



With 11% less rolling resistance than the previous class-leading tire, there is no faster endurance all-road tire*. This unmatched performance starts with the most efficient and durable road compounds ever created by scientists in our German lab. Their secret? Proprietary GRIPTON. GRIPTON compounds run on a scale from ultra-efficient and durable T2 road compounds to the super tacky T9 mountain compound. For the Mondo, our team used a dual compound featuring T2 in the center flanked by the massive wet and dry grip of T5 compound on the shoulders. This is the same dual compound that debuted in a World Road Championship with our new line of Turbo race tires.

Using our formulation of activated Silica, our fastest and most tear-resistant T2 GRIPTON, delivers a lively and ultra-fast tire - 17% faster than our T5 compound on our rolling resistance test drum. For enhanced cornering, we use the softer activated Silica T5 Gripton compound - 10% more grip than our T2 compound - to sink into the road, providing a very planted feeling for cornering speed. Rolling into high lean angles between these two compounds is seamless yet provides confidence like no other.

HYSTERESIS ILLUSTRATION OF TREAD COMPOUNDS

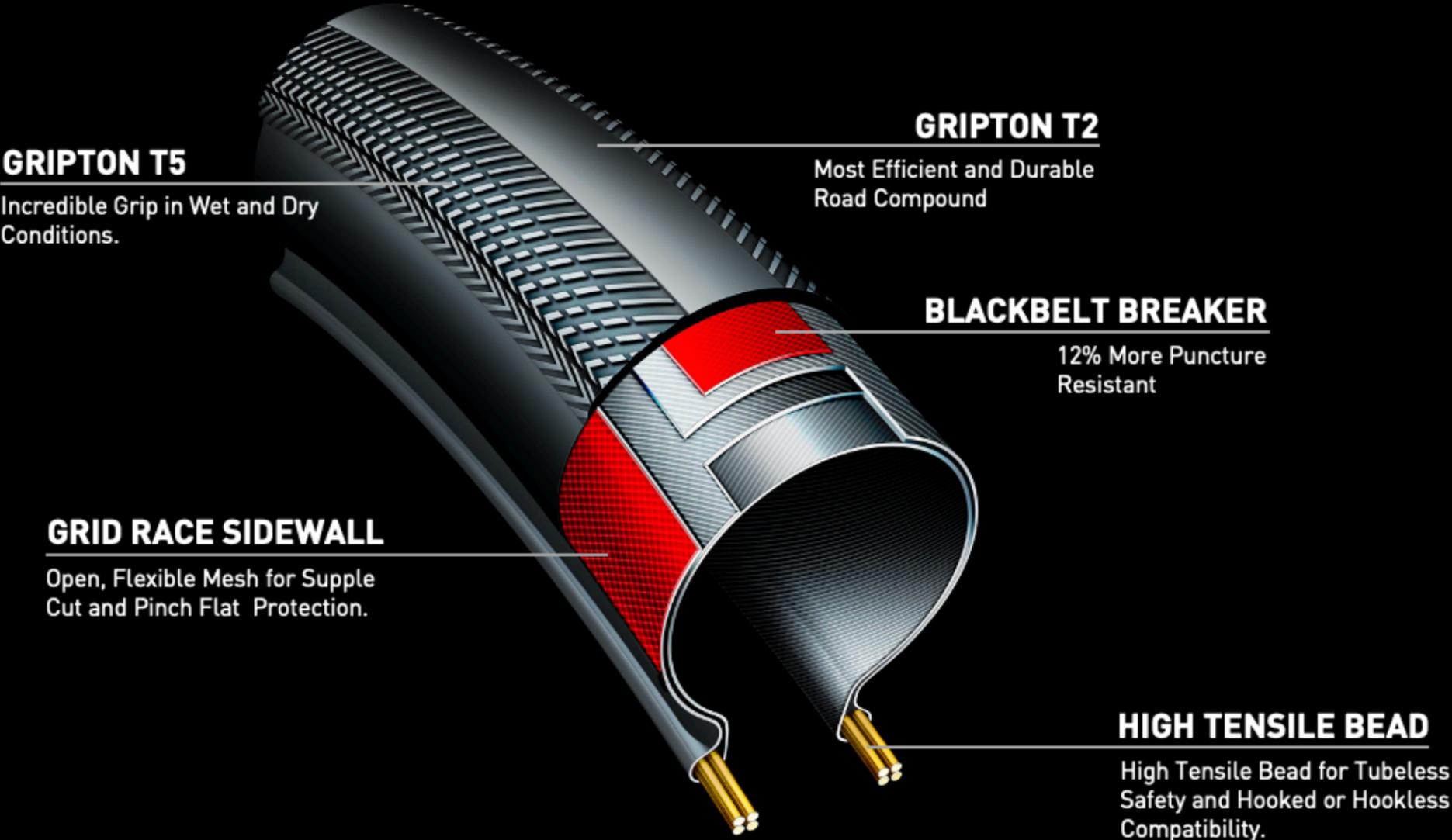


The Hysteresis test with load and relaxation cycles allows our engineers to determine the compound behavior for each cycle of deformation.

Our Best Puncture Protection

Under the tread, you'll find our latest Blackbelt material, a dense and strong cross-woven aramid material delivering 12% more puncture protection than our previous Blackbelt. Fighting pinch flats and sidewall cuts is our new Grid Race protection. This dual layer of cross-woven polyamide panels is applied at the side wall, and despite its supple and flexible nature, its high tear strength mates incredible durability with a stable, confident ride at low tire pressures.

Why different materials on the breaker and the side wall? It's because each part of the tire plays a different role in creating the tire's overall performance. There are hundreds of materials to choose from, and 0.5 mm of too much material, or the wrong material in the wrong place, can destroy a tire's ride quality or make it vulnerable to flats. Blackbelt, under the tread, must be dense and strong to avoid punctures. The Grid Race protection at the sidewall must remain an open mesh with great flexibility. It provides great abrasion and pinch flat resistance but doesn't sacrifice suppleness and comfort like other materials do. These two materials, used in the right places, are paramount to the tire's overall performance and durability.



Lightest in Class Meets Durability

All this efficiency, grip, and puncture protection comes without a weight sacrifice. The S-Works Mondo is 5%* lighter than the nearest endurance competition. A supple 120 TPI casing and tubeless-ready construction make the Mondo tire the optimal balance of lightweight, grip, and low rolling resistance for riders unwilling to sacrifice durability or puncture protection.

The next piece of this puzzle is ensuring the tubeless system has great air retention, easy installation, and is safe on hookless rims. We have to use the right balance of rubber thickness throughout the tire for air retention. Too light, and it will not hold proper air on an all-day ride. Too much, and the tire loses performance and adds weight. S-Works Mondo ensures you can ride 10+ hours with stable pressure.

Attached to the supple 120 TPI casing is the critical bead to keep the tire retained on the rim. The bead material uses an extremely strong woven nanofiber. Hookless ready, it's also strong enough for pressures on hooked rims higher than any hookless rims can reach but balanced so installation is still easy. This is all to ensure riders have the flexibility to run the pressure they feel is right when using hooked rims.

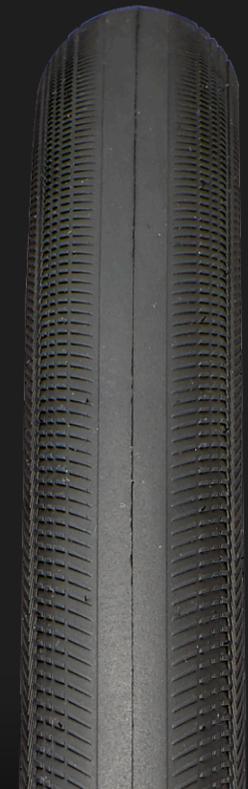
The S-Works Mondo delivers everything riders demand from a class-leading endurance tire — long miles durability, all-weather traction, incredible puncture protection — and amplifies it with the performance riders want, like best-in-class efficiency and light weight. We've proven it on the scale and in the lab, but most importantly, we've proven it on the road with our test riders winning races like BWR San Diego with Russell Finsterwald, racing on European cobblestones with our World Tour teams, and helping endurance rider Jack Thompson set a world record by climbing one million meters in a single year. Available in 28, 32, and beefy 35 mm widths, you'll be ready for anything the road ahead throws at you. The World Was Made For Mondo.

*When measured in a lab setting S-Works Mondo tubeless tire showed the lowest rolling resistance numbers and lowest weight of any competitor in its class.



“We designed the S-Works Mondo to suit the needs of a lot of today’s road riders. It is objectively one of the most exciting road tires we have ever developed. The goal was to create a tire that felt fast and light, like a racing tire, but at the same time is robust, comfortable, and just fun to ride. The tire is made for everyone to ride on any road — pavement, light gravel or the toughest pavé — with maximum confidence and efficiency.”

Oliver Kiesel ROAD TIRE PRODUCT MANAGER



Tire Specs

Casing: 120 TPI

Bead: Foldable 2Bliss Ready

Dual Compound: GRIPTON® T2/T5

Flat Protection: GRID RACE and BlackBelt

700 x 28 mm, psi 70-95, approximate weight 310g

700 x 32 mm, psi 50-80, approximate weight 330g

700 x 35 mm, psi 50-80, approximate weight 360g



“The S-Works Mondo proved to be the perfect tire for a course like the Belgian Waffle Ride. I opted to run the 35 mm Mondo as I thought it was the perfect tire to handle a 50/50 mix of pavement and dirt. The added volume allowed me to run a lower pressure than I would with a 32, I got great traction and stability off-road without compromising speed once back on tarmac, and I know how tough and durable it is.”

Russell Finsterwald
2023 BELGIAN WAFFLE RIDE WINNER

Road Tires

Treads



Turbo Race

Fast, light, and supple race-ready performance proven by the world's best riders.

Mondo Endurance Race

The fastest, lightest endurance, and e-road bike tire with exceptional durability.

Roubaix Endurance

High-performing endurance and durability for any road condition.

Roadsport Endurance

Durable with excellent puncture protection and ride quality at an accessible price.

All Condition High Protection

Confidence, traction, and incredible puncture protection for any weather and any road.

Casings



Blackbelt

Light, supple, and effective puncture protection for our fastest tires.



Grid Race

Flexible, lightweight sidewall reinforcement for cut and pinch flat protection.



Endurant

Triple wall puncture protection from bead-to-bead in a performance package.



Armadillo

Our highest level of puncture protection with a strong cross-woven cap from bead to bead.

Tread-Size Matrix

	700x23	700x24	700x25	700x26	700x28	700x30	700x32	700x35	26"x1-3/8	27"x1-1/4	2BR Option	Compound	Casing
Turbo S-Works RapidAir				x							x	T2/T5	BlackBelt
Turbo S-Works		x		x	x	x					x	T2/T5	BlackBelt
Turbo Cotton		x		x	x							T2/T5	BlackBelt
Turbo Pro		x		x	x	x						T5	BlackBelt
Mondo S-Works					x		x	x			x	T2/T5	Grid Race
Roubaix Pro			x		x		x				x	T5	Endurant
Roubaix Armadillo Elite			x									T5	Armadillo
All Condition Armadillo Elite	x		x		x*	x	x					T5	Armadillo
All Condition Armadillo	x		x		x		x					-	Armadillo
Roadsport Elite				x	x							-	Blackbelt
Roadsport	x						x*	x	x	x		-	Endurant

* Reflective as additional option available.

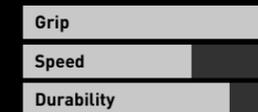
Compounds

T2



Speed compound. Nothing is faster. High efficiency. High wear resistance.

T5



Road compound. Rolls well. Filters road vibrations. Planted feel.



[Download Assets](#)

