RACING BATTLAX V03

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RACING BATTLAX V03

RACING BATTLAX V03 is BRIDGESTONE's latest generation of racing tyres. Derived from **Endurance World Championship** winning tyres, the V03 offers **top level grip**, while maintaining the typical Bridgestone **consistency** throughout the tyre life.

Compared to the predecessor, the grip performance has been greatly improved to push riders into uncharted territories.

New in the V03 line-up, the **"SPRINT" compound** is now available as a new rear spec – providing the highest grip level in our range. With 2 front compound options and 3 rear, V03 offers a full line-up to cover all rider demands in high-level racing or trackday environments.



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CONCEPT

From the highest levels of racing support to mass production tyres.
Implement championship level compounds and **technologies** to achieve high levels of grip.

NEW TECHNOLOGIES

Changed **profile** for both front and rear.
New **compounds** in the front and rear tyre.

PERFORMANCE

1.9% **faster lap time** than V02
Increased contact patch leads to more **stability**



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RACING BATTLAX V03

RACE	RACING BATTLAX V03 · RACING BATTLAX V02 · RACING BATTLAX W01 · BATTLAX CLASSIC RACING CR11
HYPERSPORT	BATTLAX RACING STREET RS12 · BATTLAX HYPERSPORT S23 · BATTLAX HYPERSPORT S22 · BATTLAX HYPERSPORT S21
SPORT TOURING	BATTLAX SPORT TOURING T33 · BATTLAX SPORT TOURING T32 · BATTLAX SPORT TOURING T31 · BATTLAX BT46
CUSTOM	BATTLECRUISE H50 · EXEDRA MAX
ADVENTURE	BATTLAX ADVENTURE A41 · BATTLAX ADVENTURE TRAIL AT41 · BATTLAX ADVENTURECROSS AX41 · BATTLAX ADVENTURECROSS SCRAMBLER AX41S
OFF ROAD	BATTLECROSS E50 · BATTLECROSS E50 EXTREME · BATTLECROSS X10 X20 X31 X40
SCOOTER	BATTLAX SCOOTER SC2 · BATTLAX SCOOTER SC2 RAIN · BATTLAX SC



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SIZE LINE UP

2026*

	Size	Compound
Front	120/70 R17	Soft , Soft-Medium
Rear	190/60 R17*	2 compounds
	200/60 R17	Sprint, Soft , Medium

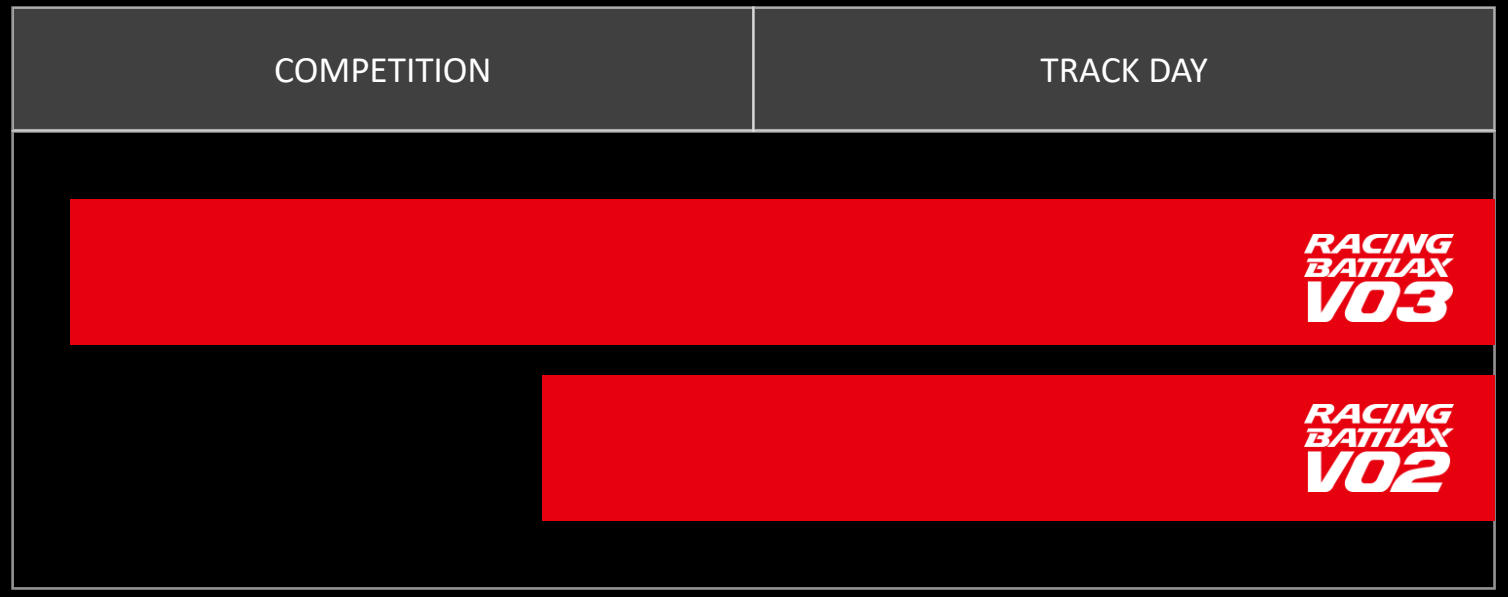
Only in Europe, North America in 2026.
*The 190/60 R17 will be sold from 2027.



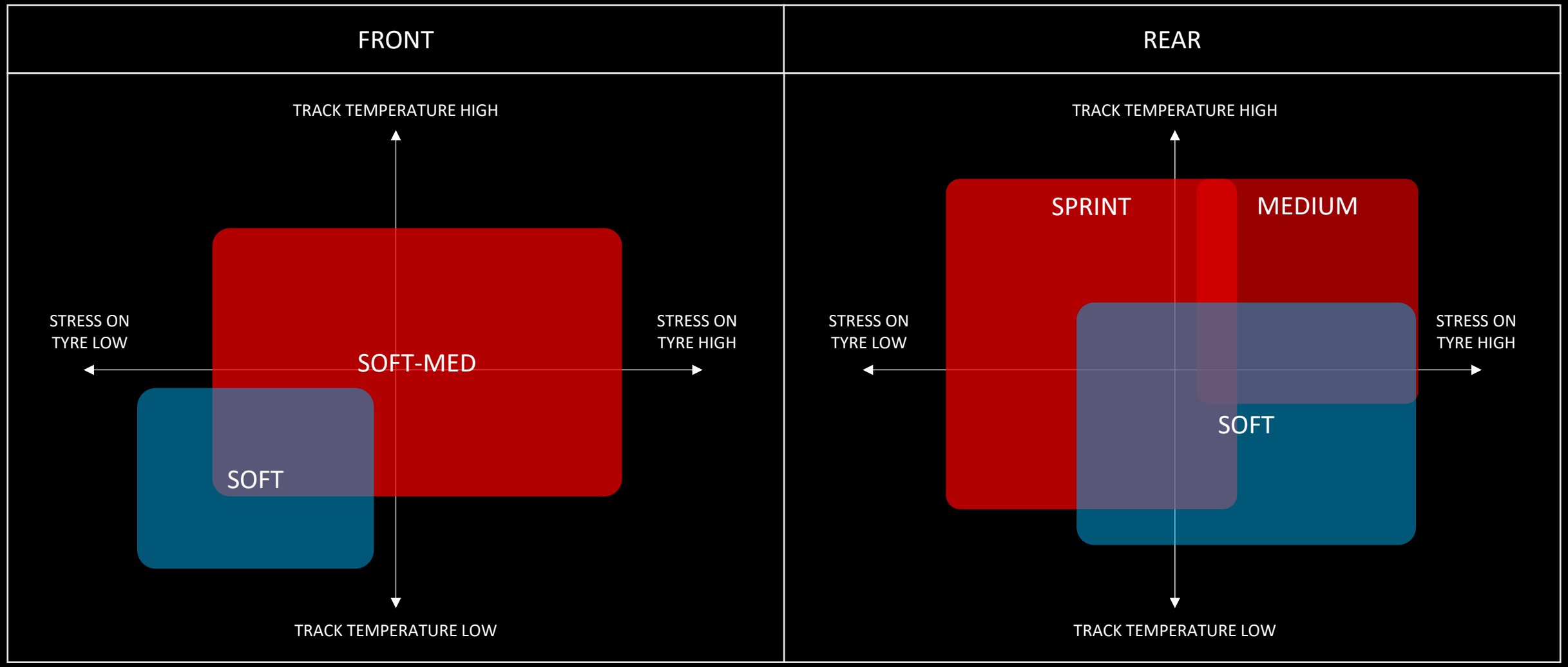
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TARGET RIDER

High-level riders seeking best-in-class speed and durability



RACING BATTLAX V03 SPEC INFORMATION



The **stress** that is put on a tyre, and by consequence impacts its performance and durability, is a combination of different factors such as **track layout**, **surface roughness** (μ), **rider skill**, **type of motorcycle**...

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TECHNOLOGY INNOVATION

FRONT

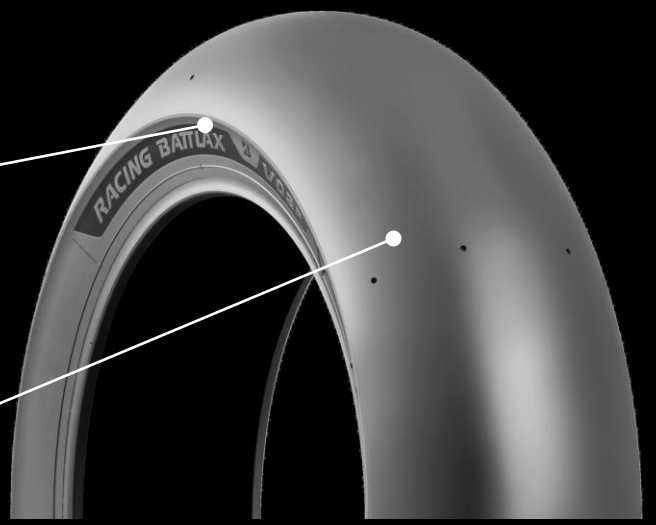


FRONT
New profile (**Larger Crown R**)
→ Generates better and long lasting grip.

REAR
New profile (**Larger outer diameter**)
→ Generates better grip

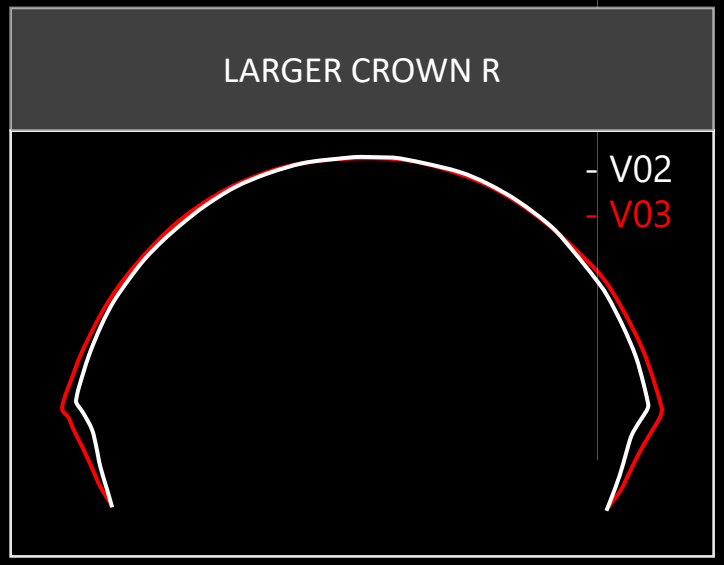
FRONT AND REAR
New compounds
→ Increase grip

REAR

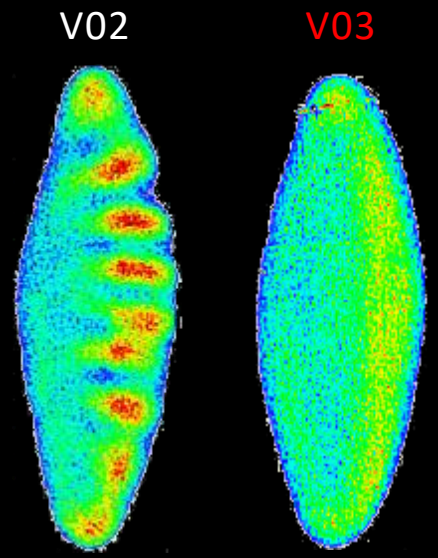


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NEW PROFILE (LARGER CROWN R) — FRONT







PRODUCT		V02F	V03F
PROFILE	OD	606	606
	TW	114	120

CONTACT AREA: 5% UP

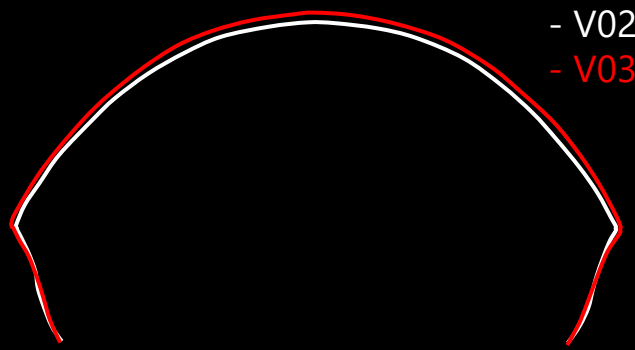
The enlargement of the crown radius expands the contact area and creates a more uniform contact pressure distribution during cornering. As a result, **grip and wear life** are **improved**.

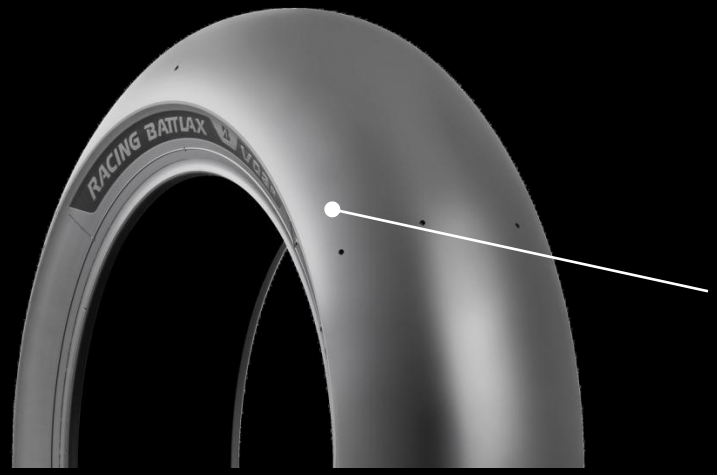
Larger crown R -> Larger contact patch -> more grip and wear life

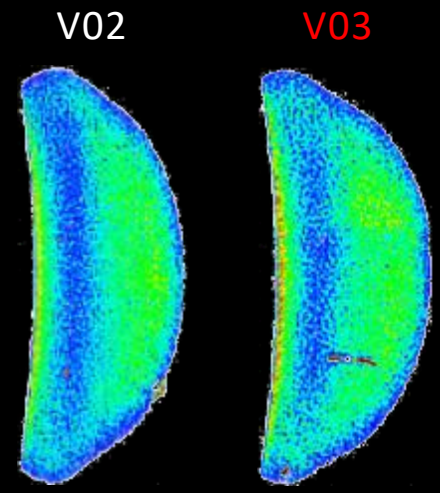
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NEW PROFILE (LARGE OUTER DIAMETER) — REAR

NEW MANUFACTURING METHOD
SUCCEEDS IN EXPANDING OD







PRODUCT		V02R	V03R
PROFILE	OD	662	669
	TW	195	197

CONTACT AREA: 6% UP

The contact area is expanded by increasing the outer diameter. This drastically improved the grip levels.

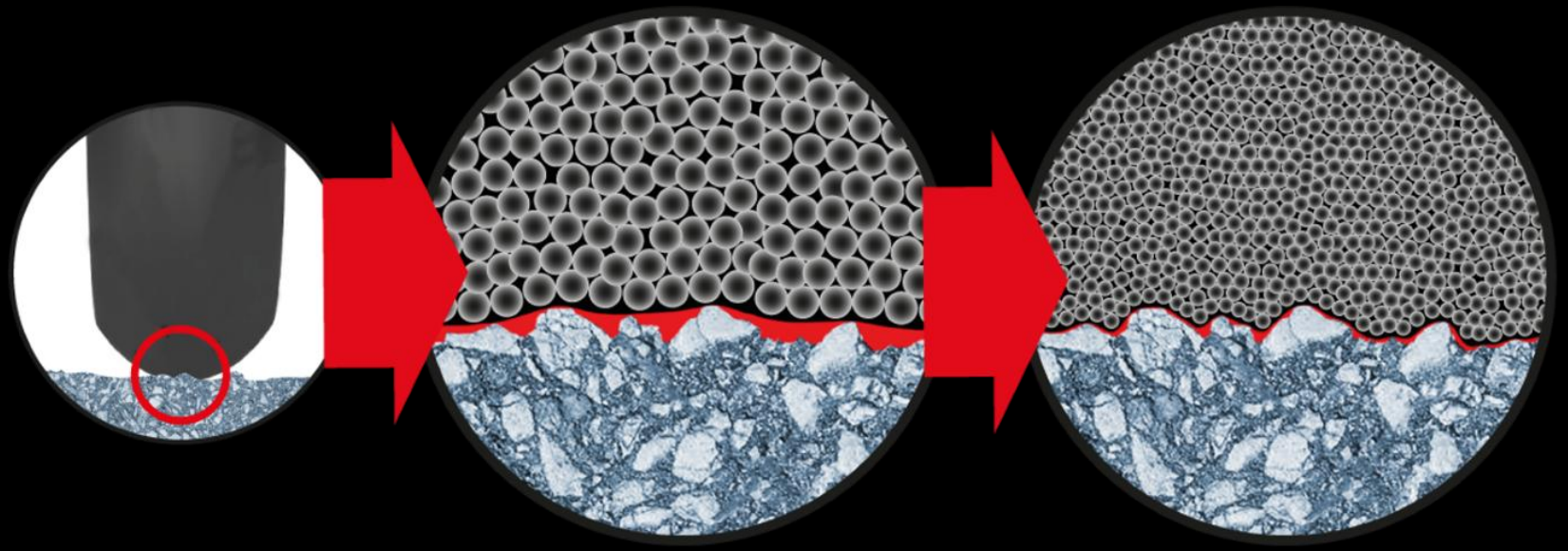
Larger diameter -> Larger contact patch -> more grip

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NEW COMPOUND

EXPERIENCE THE HIGHEST LEVELS OF GRIP

Bridgestone has achieved overwhelming results in the world's top endurance race championship. The compounds that have won multiple world championships have been implemented in the brand new Bridgestone RACING BATTLAX V03.

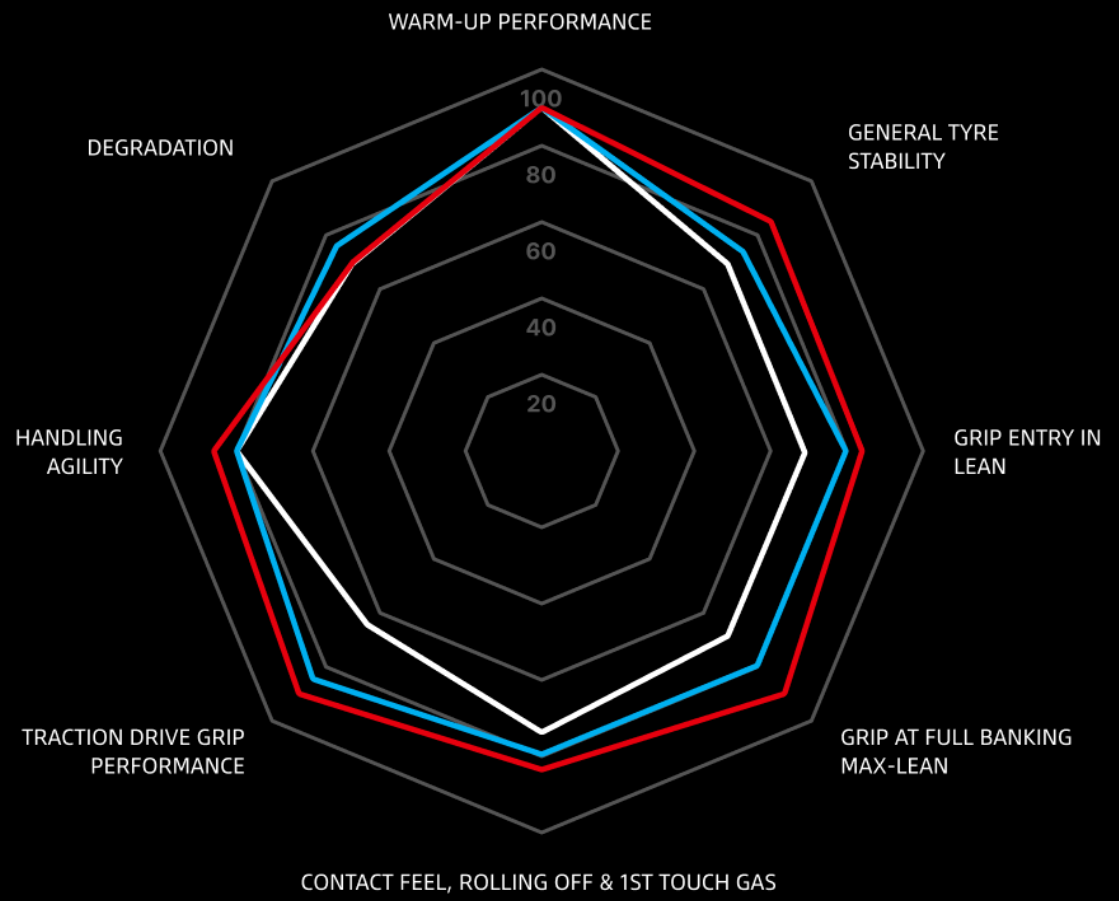


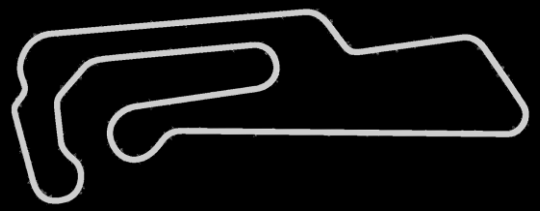
New molecular approach
↓
More bite
↓
Better grip

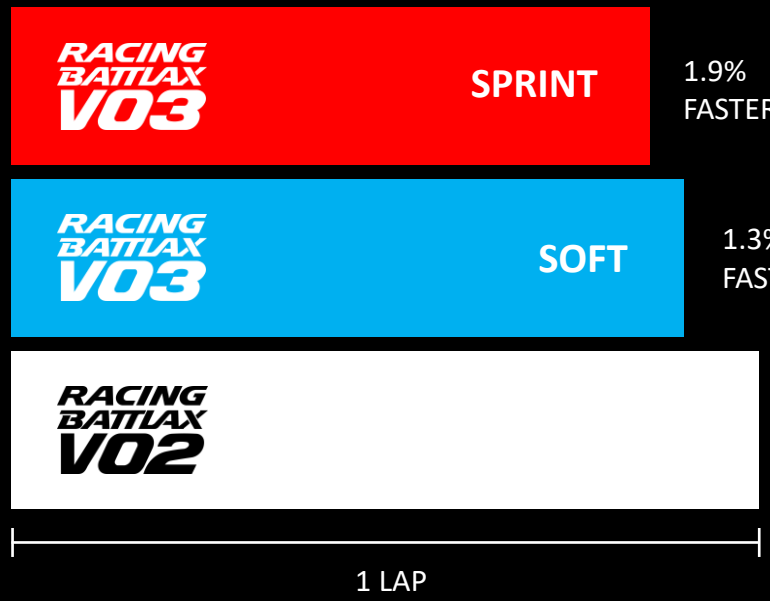
A new molecular approach of fine carbon particles in terms of compounding has improved the bite to the road surface and enhanced the grip characteristics of the compound itself.

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PERFORMANCE OVERVIEW - SUMMARY







SPRINT: Extreme grip levels

Test Condition
Date : May 2025
Vehicle : BMW M1000RR
Place : Oschersleben, Germany
Amb.Temp. : 21-24 deg. Celcius
Track Temp. : 35-43deg. Celcius

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