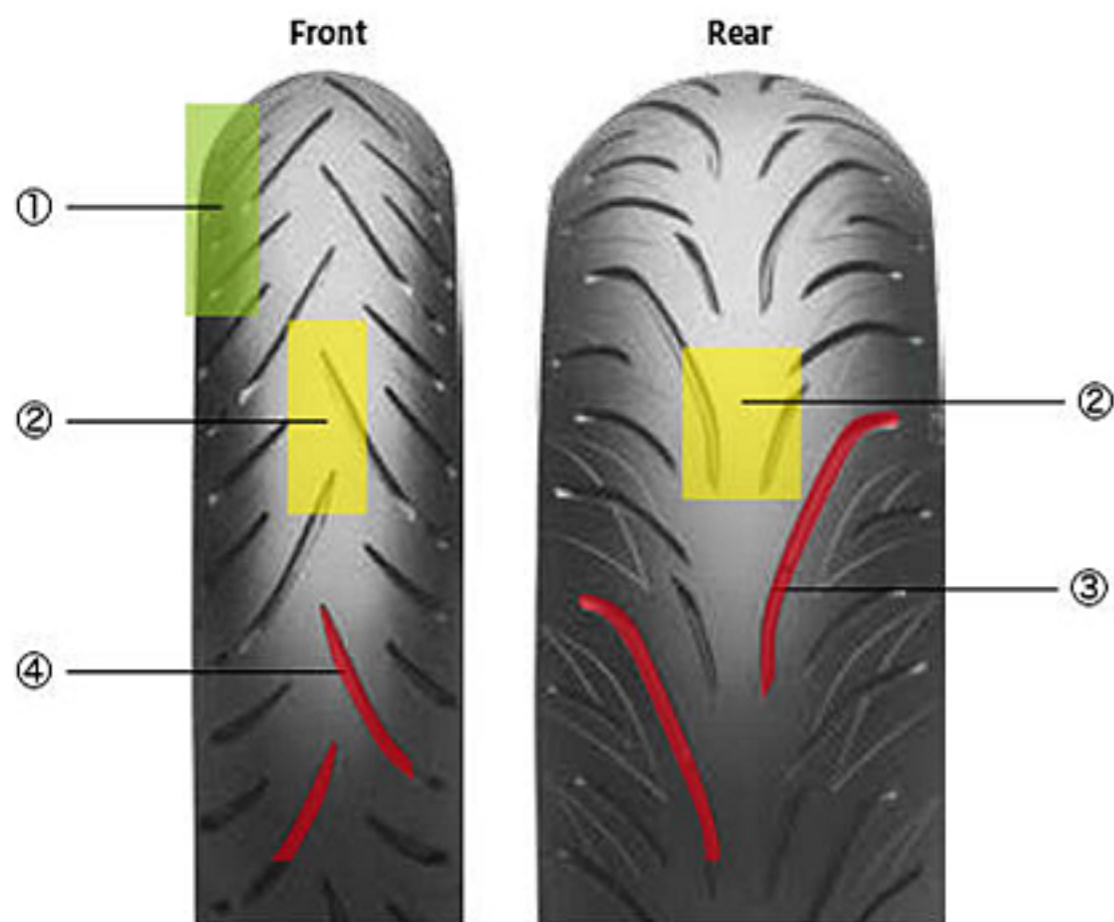


■ A pattern design that achieves improved performance in the dry and the wet



- ① Increased proportion of grooves on the shoulder section gives better drainage and thus improved cornering performance in wet conditions.
- ② By reducing groove ratio on center part of the tread with increased block rigidity, shorter braking distance was achieved in wet condition.
- ③ Optimized angle for main grooves on middle part. Enlarged contact area gives higher camber thrust to enhance handling in dry condition.
- ④ High angle groove placement on tread center part. Higher tread rigidity leads to a better handling response in dry condition.

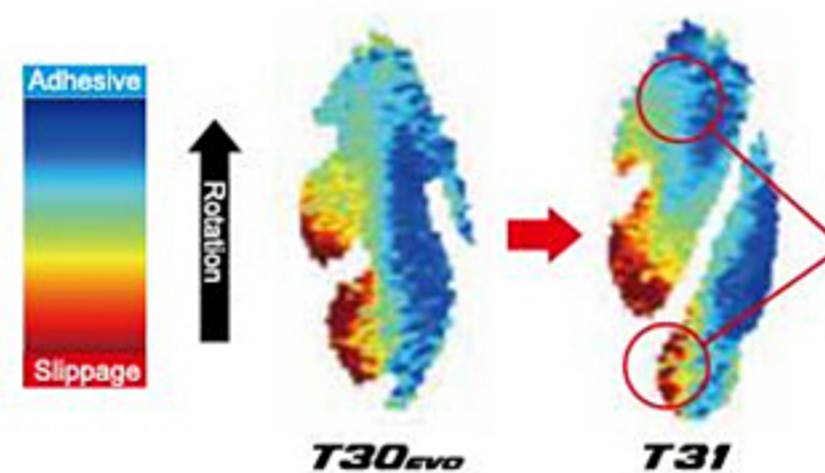
■ Refining contact properties through the use of ULTIMAT EYE™



Bridgestone's proprietary ULTIMAT EYE™ technology was utilized for the structural design of the tire. The design was optimized by means of detailed analyses that included the construction of the crown, belt, case and the distribution of the groove pattern.

This results in reduced slippage within the contact area, which generates improved grip performance and better handling. In addition, the optimized design results in a more uniform distribution of contact pressure and increases the contact area by 5%, improving steering stability on both dry and wet road surfaces.

■ Analysis of front tire contact properties

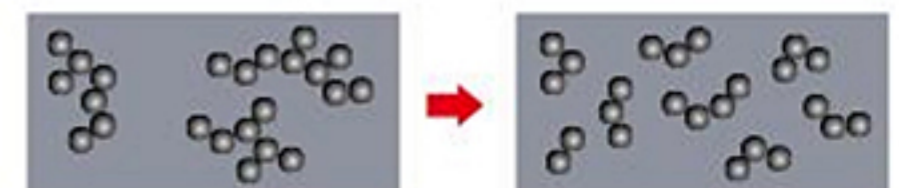


Increased adhesion area in forward contact patch. Reduced slippage in rear contact patch. Improved wet grip when cornering. Improved response in the dry.

■ Newly developed compound (front)

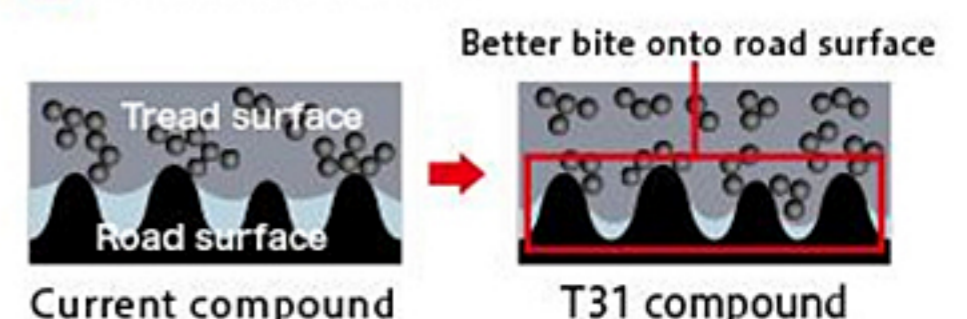
In this newly developed compound the distribution of silica has been improved at the molecular level, leading to enhanced rubber flexibility and resulting in better bite onto the road surface at loaded situation. Grip in low-temperature regions has also been improved, and grip performance is high even on slippery and wet surfaces.

■ Unloaded status



Improved rubber flexibility at the molecular level

■ Loaded status



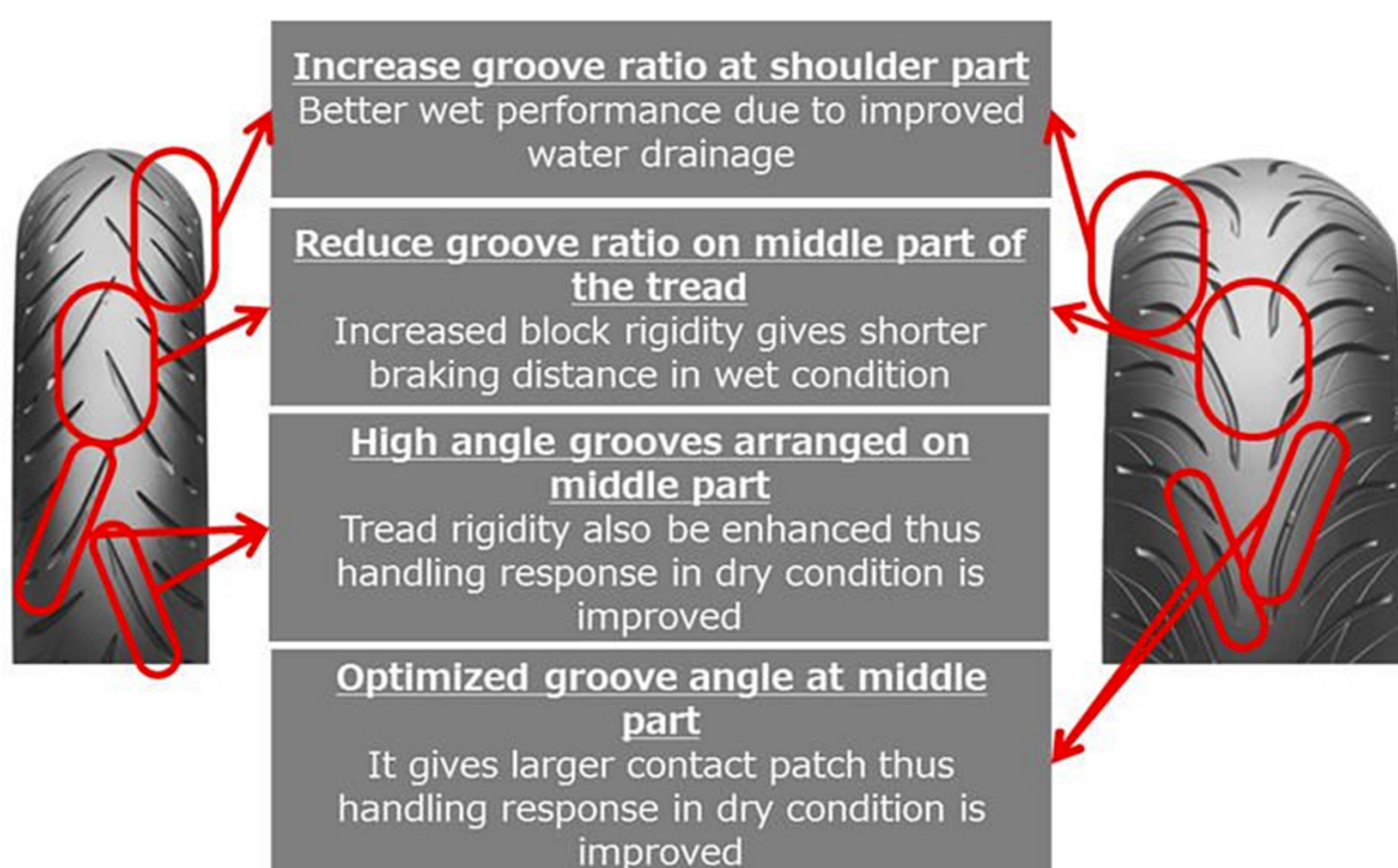
Current compound

T31 compound

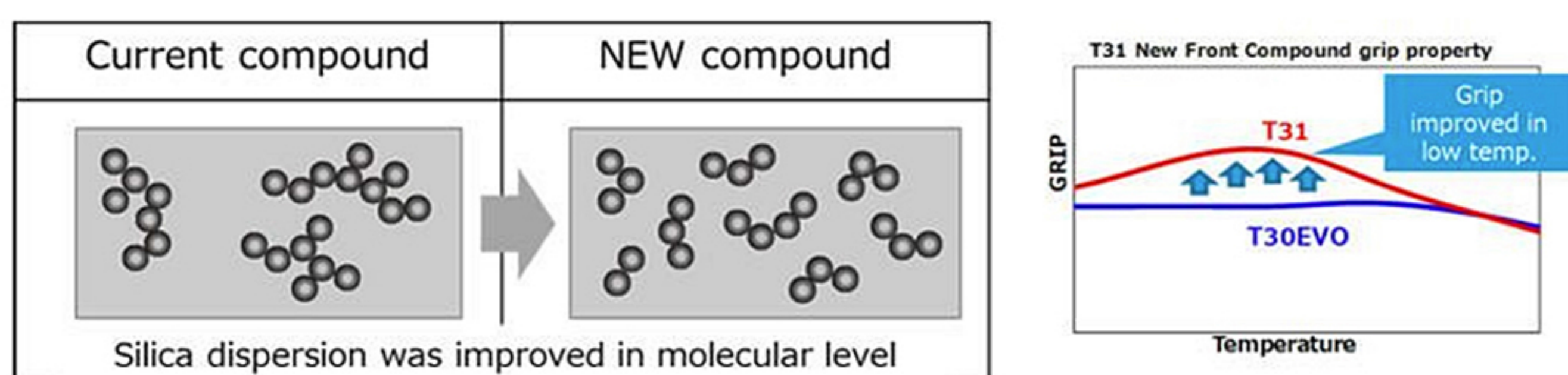
BATTLAX SPORT TOURING T31

The Bridgestone BATTLAX SPORT TOURING T31 (T31) is the flagship model for the sport touring category. This tire maintains the stability and wear life performance of its predecessor, the BATTLAX SPORT TOURING T30EVO (T30EVO), while also offering improved wet performance and riding comfort. The T31 decreases braking distances on wet roads and delivers higher cornering grip to contribute safety trip in unpredictable weather.

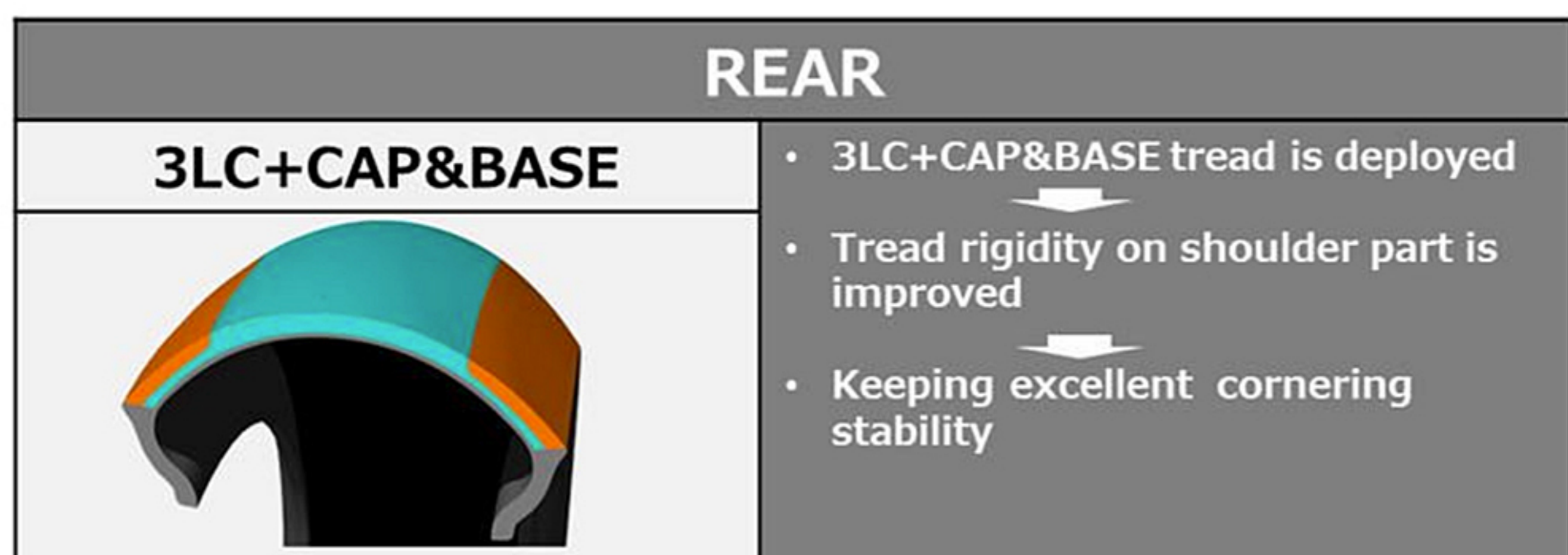
The new T31 tire's tread pattern features increased groove ratios on the shoulder of the tire to allow for better water displacement and improved wet performance. The middle of the tire has a reduced groove ratio to contribute to increased block rigidity for shorter braking distance under wet conditions.



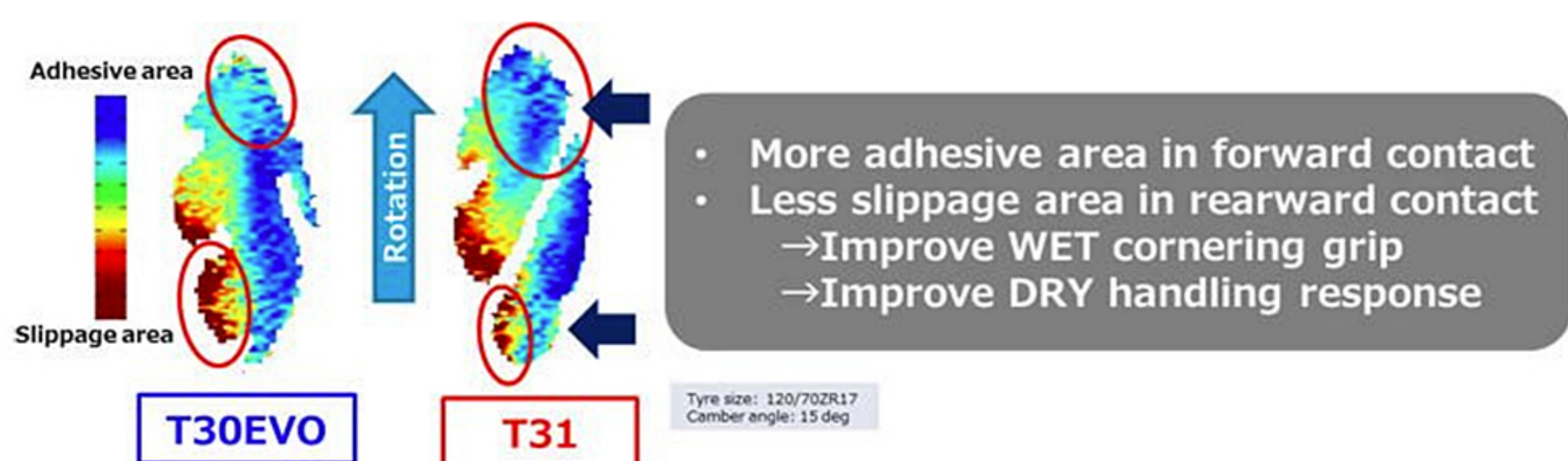
The T31 tire features a new tread compound that offers improved Silica dispersion at the molecular level, giving the tire increased rubber flexibility. These innovations allow the T31 tire to better grip roads when weight is applied while also making it easier for the rubber molecules to move, generating energy loss that further increases grip. Bridgestone also took steps to improve grip under low temperature conditions, allowing the tires to achieve strong grip on wet surfaces.



Bridgestone has employed 3LC (dual tread compound) and CAP&BASE construction on the rear tire, this gives the tire increased rigidity in the tread shoulder helping the T31 tire to maintain excellent cornering stability.



Bridgestone also has utilized its ULTIMAT EYE™ measurement technology to visualize the dynamic movement of tires when driving. Based on these measurements, Bridgestone has increased the adhesive area in the forward contact patch in comparison to the T30EVO tire and reduced the slippage area in the rearward contact patch. These changes contribute to improved wet cornering grip and increased dry handling response.



F/R	Size	TT/TL	Spec
FRONT	110/70ZR17M/C (54W)	TL	STD
	120/60ZR17M/C (55W)	TL	STD
	120/70ZR17M/C (58W)	TL	STD
	110/80ZR18M/C (58W)	TL	STD
	120/70ZR18M/C (59W)	TL	STD
	120/70ZR19M/C (60W)	TL	STD
	110/80ZR19M/C (59W)	TL	STD
	110/80 R18M/C 58V	TL	STD
	120/70ZR17M/C (58W)	TL	GT
	120/70ZR18M/C (59W)	TL	GT
REAR	150/70ZR17M/C (69W)	TL	STD
	160/60ZR17M/C (69W)	TL	STD
	160/60ZR18M/C (70W)	TL	STD
	160/70ZR17M/C (73W)	TL	STD
	170/60ZR17M/C (72W)	TL	STD
	180/55ZR17M/C (73W)	TL	STD
	190/50ZR17M/C (73W)	TL	STD
	190/55ZR17M/C (75W)	TL	STD
	140/70 R18M/C 67V	TL	STD
	170/60ZR17M/C (72W)	TL	GT
	180/55ZR17M/C (73W)	TL	GT
	190/55ZR17M/C (75W)	TL	GT