

**P ZERO<sup>™</sup> TRAFED R**

**FEEL THE ADRENALINE  
WITH THE PERFECT GRIP**





Only a world leader in motorsport  
and the preferred supplier in the most prestigious car and supercar brands  
could benefit from its 111 years of experience in racing to create the best street legal,  
track day tyre ever designed.

Enjoy your track laps and find the limit while feeling safe and perfectly  
in command, even when returning home.

Try **P Zero™ Trofeo R**, the ultimate track day tyre, and feel the difference.



PLAY THE EXPERIENCE

# ENJOY THE TRACK WITH WINNING PERFORMANCE

The state of the art technology and high performance levels of the best sports cars in the world are enhanced by Pirelli when the **P Zero™ Trofeo R** is the point of contact with the track. This innovative ultra-low-profile tyre is intended mainly for track use on dry surfaces, maximising driver enjoyment and ensuring total safety even when pushed to the limit.



The benefits of **P Zero™ Trofeo R**:

- highly-effective grip on the track
- maximum stability under braking
- exceptional lateral rigidity for extreme cornering
- precise steering response
- consistent lap times
- precise trajectories



# THE RIGHT TYRE FOR A CHALLENGING EXPERIENCE

The **P Zero™ Trofeo R** is designed to **provide even greater performance on track days** to some of the most powerful vehicles currently available from manufacturers such as BMW, Ferrari, Lamborghini, Maserati, McLaren and Porsche.



**Innovative materials** and **compounds** combined with the **tread pattern design** have produced extraordinary results.

The tyre allows drivers to **push to the limit**, improving the overall driving experience. With **P Zero™ Trofeo R** you can really appreciate how a **high-powered vehicle performs**, especially when on the track.

The **P Zero™ Trofeo R** compound offers **steering precision** and **grip** at the high operating temperatures associated with track use and guarantees long-term effectiveness with contained wear.

# THE PERFECT LINES IN EVERY CORNER

Under extreme use on the racetrack or on the road, you will experience all the **P Zero™ Trofeo R** design qualities: excellent grip through bends as well as under acceleration and braking, always ensuring driver safety. These results are due to manufacturing solutions that incorporate increased structural resistance for extreme use: Pirelli's meticulous work on every individual aspect is the key to the overall package's success.



## Structure

Racing experience has played a key role in defining the structure. To achieve optimal roadholding there is a difference in rigidity between the steel belts in the rear tyre and those in the front tyre. Generally speaking, the tyres are a lot stiffer than those made for normal road use, to guarantee **stability at high speed**.

There are also innovations in the manufacturing process to guarantee an even distribution of centrifugal forces within the tyre, especially at high speeds. This is crucial to maintain a **constant footprint area** and distribution of the contact pressures **in high-stress conditions**. Furthermore the bead geometry and materials make the connection to the rim **more stable** during acceleration and braking.

## Profile

The contact area has been innovatively redesigned to provide a **greater contact area** than the previous product and more **uniform pressure distribution** to ensure **better grip**, more even wear and driving comfort.



# ADRENALINE AND SAFETY

The design features have enabled Pirelli to satisfy the demands of the market's most powerful vehicles, without compromise. In particular, **P Zero™ Trofeo R** enhances the technical specification of the latest state-of-the-art vehicles, raising the bar as far as performance is concerned.



## Inner area

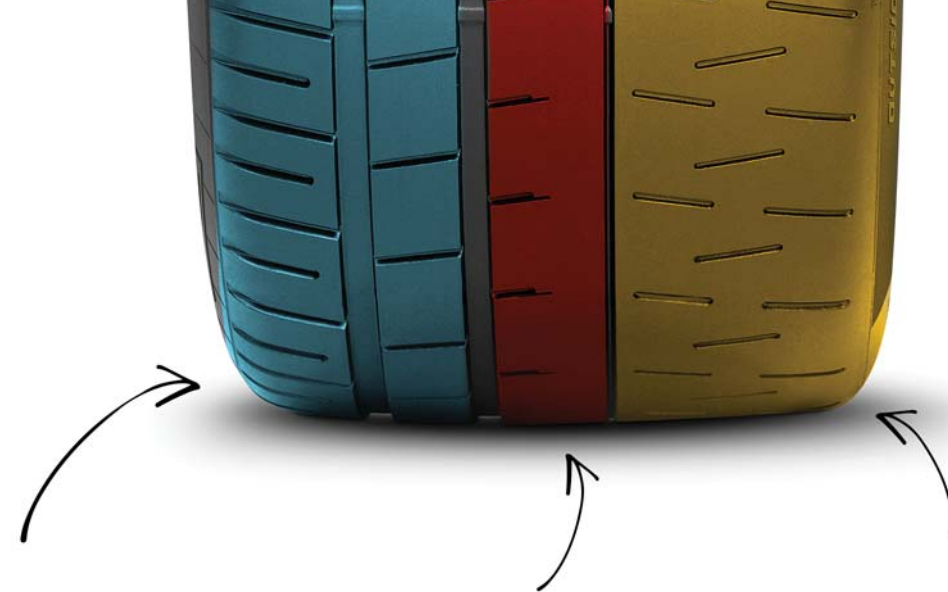
Longitudinal grooves assist with **water expulsion**. Transverse grooves provide **constant traction** and **assist braking**.

## Central area

Narrow grooves and wide "solid" tread blocks are a technical solution designed to increase the contact patch, **improve stability** at **high speeds**, and ensure even wear without affecting ultimate performance.

## Outer area

A rigid shoulder similar to that of a competition slick tyre **maximises lateral** grip when cornering at very high speeds and **changing trajectory quickly** on the track, while maintaining **complete control**. This special mix of shape and functionality has enabled very consistent performance.





# SIZE RANGE

Size	Load Speed/ Index	Marking/ Version	Ecol.EU RR	Ecol.EU WG	Ecol.EU Noise	Diameter [mm]	Section Width [mm]	Circumference [mm]	Rim in [“]	Status
205/50ZR15	86Y	N4	F	B	2 (72dB)	586	216	1778	5.5-6- <b>6.5</b> -7- 7.5	-
225/50ZR15	91Y	N4	F	B	2 (72dB)	610	235	1845	6-6.5- <b>7</b> -7.5-8	-
205/55ZR16	91Y	NO	F	B	2 (72dB)	630	218	1912	5.5-6- <b>6.5</b> -7-7.5	-
225/50ZR16	92Y	NO	F	B	2 (72dB)	635	232	1924	6-6.5- <b>7</b> -7.5-8	-
245/45ZR16	94Y	NO	F	B	2 (72dB)	630	253	1903	7.5- <b>8</b> -8.5-9	-
205/50ZR17	89Y	NO	F	B	2 (72dB)	639	215	1933	5.5-6- <b>6.5</b> -7- 7.5	-
205/45ZR17	88Y	XL	F	A	2 (72dB)	618	210	1869	6.5- <b>7</b> -7.5	-
205/45ZR17	88Y	XL (ME2)	-	-	-	619	208	1945	7	under development
225/45ZR17	91Y	NO	F	B	2 (72dB)	637	230	1924	7- <b>7.5</b> -8-8.5	-
255/40ZR17	94Y	NO	F	B	2 (72dB)	639	265	1933	8.5- <b>9</b> -9.5-10	-
225/40ZR18	92Y	XL (NO)	F	B	2 (72dB)	641	233	1939	7.5- <b>8</b> -8.5-9	-
235/40ZR18	95Y	XL	F	B	2 (72dB)	648	247	1958	8- <b>8.5</b> -9-9.5	-
245/40ZR18	97Y	XL	F	B	2 (71dB)	655	255	1985	8- <b>8.5</b> -9-9.5	-
255/35ZR18	94Y	XL (ME2)	-	-	-	638	264	2004	9	under development
265/40ZR18	101Y	XL	F	B	2 (73dB)	672	281	2034	9-9.5- <b>10</b> -10.5	-
265/35ZR18	93Y	NO	F	B	2 (71dB)	646	275	1955	9-9.5- <b>10</b> -10.5	-
295/30ZR18	98Y	XL	F	B	2 (74dB)	638	305	1930	10- <b>10.5</b> -11	-
225/35ZR19	88Y	XL (MC)	-	-	-	639	232	2007	8	under development
235/35ZR19	91Y	XL	F	B	2 (71dB)	647	245	1958	8- <b>8.5</b> -9-9.5	-
235/35ZR19	91Y	XL (NO)	F	B	2 (71dB)	647	245	1958	8- <b>8.5</b> -9-9.5	-
245/35ZR19	93Y	XL	F	B	2 (72dB)	656	252	1985	8- <b>8.5</b> -9-9.5	-
245/35ZR19	93Y	XL (MC1)	-	-	-	655	249	2058	9	under development
245/35ZR19	93Y	XL (MC2)	-	-	-	658	243	2067	9	under development
265/35ZR19	98Y	XL	F	B	2 (72dB)	673	275	2034	9- <b>9.5</b> -10-10.5	-
265/35ZR19	98Y	XL (NO)	F	B	2 (72dB)	673	275	2034	9- <b>9.5</b> -10-10.5	-

Size	Load Speed/ Index	Marking/ Version	Ecol.EU RR	Ecol.EU WG	Ecol.EU Noise	Diameter [mm]	Section Width [mm]	Circumference [mm]	Rim in [“]	Status
265/30ZR19	93Y	XL	F	B	2 (72dB)	646	272	1955	9- <b>9.5</b> -10	-
275/30ZR19	96Y	XL	F	B	2 (72dB)	651	277	2045	9- <b>9.5</b> -10	-
285/35ZR19	103Y	XL	F	B	2 (74dB)	687	295	2077	9.5- <b>10</b> -10.5-11	-
295/30ZR19	100Y	XL	F	B	2 (74dB)	665	297	2009	10- <b>10.5</b> -11	-
295/30ZR19	100Y	XL (NO)	F	B	2 (74dB)	665	297	2009	10- <b>10.5</b> -11	-
305/30ZR19	102Y	XL (NO)	E	B	2 (74dB)	663	320	2083	10.5- <b>11</b> -11.5-12 <sup>(1)</sup>	-
325/30ZR19	101Y	-	F	B	2 (73dB)	682	335	2064	11- <b>11.5</b> -12	-
235/35ZR20	88Y	-	F	B	2 (74dB)	673	245	2034	8.5	-
245/35ZR20	95Y	XL	F	B	2 (71dB)	680	252	2061	8- <b>8.5</b> -9-9.5	-
245/30ZR20	90Y	XL(L)	F	B	1 (69dB)	654	242	2055	8- <b>8.5</b> -9	-
255/30ZR20	92Y	XL (L)	-	-	-	661	258	2077	9	under development
255/30ZR20	92Y	XL	-	-	-	665	257	2089	9	under development
265/35ZR20	99Y	XL	F	B	2 (72dB)	694	275	2104	9- <b>9.5</b> -10-10.5	-
285/35ZR20	104Y	XL (MC)	-	-	-	706	299	2218	11	under development
295/35ZR20	105Y	XL	F	B	2 (74dB)	718	305	2171	10- <b>10.5</b> -11	-
295/30ZR20	101Y	XL	F	B	2 (74dB)	689	295	2086	10- <b>10.5</b> -11	-
305/30ZR20	103Y	XL (L)	F	B	2 (75dB)	689	309	2165	10.5- <b>11</b> -11.5	-
305/30ZR20	103Y	XL	F	B	2 (73dB)	690	320	2167	10.5- <b>11</b> -11.5-12 <sup>(2)</sup>	-
305/30ZR20	103Y	XL (MC1)	-	-	-	691	308	2171	11	under development
315/30ZR20	104Y	XL	-	-	-	702	316	2205	11.5	under development
335/30ZR20	108Y	XL	E	B	2 (72dB)	718	350	2255	11.5- <b>12</b> -12.5	-
345/30ZR20	106Y	-	F	B	2 (72dB)	719	355	2177	11.5- <b>12</b> -12.5	-
325/30ZR21	108Y	XL	F	B	2 (72dB)	728	335	2217	11- <b>11.5</b> -12-12.5 <sup>(3)</sup>	-
355/25ZR21	107Y	XL (L)	-	-	-	713	357	2240	13	under development
355/25ZR21	107Y	XL	-	-	-	715	356	2246	13	under development

(1) 12" rim approved only for the car models: 997 GT3 – 997 GT3 RS.  
(2) 12" rim approved only for the car models: 911R - 911GTS - 911GT3.  
(3) 12.5" rim approved only for the car model: 991GT3 RS.

# ENJOY RESPONSIBLY

Before fitting a tyre, check that the product selected is homologated to the technical specifications of the vehicle and responds to all relevant and applicable legislation in the country concerned. In some countries, the only legally recognised tyre fitment for a vehicle is as stated in the vehicle's manual as provided by the vehicle manufacturer.

Always follow vehicle manufacturer recommendations for correct tyre inflation pressures. This information is displayed in the vehicle's manual and sometimes on a sticker inside the front door or fuel tank cover.



## Track use

- **P Zero™ Trofeo R** has been developed to provide even greater performance during track days on the most powerful vehicles, enabling the driver to fully appreciate the performance of these extreme cars in complete safety. In extreme conditions, typical of track driving, it reacts with precision to driver inputs. On dry asphalt, even at the most demanding circuits, it ensures high levels of grip and consistent trajectories.
- For maximum performance and safety on a circuit, first make sure that the vehicle itself is in perfect working order, particularly with regards to brakes, steering and suspension. Most modern cars can be driven on a circuit without significant modifications, although for sustained circuit driving such as on a track day, it is recommended that the brake pads be changed to a competition version so as to withstand the extra heat generated. The high frequency of hard braking are a key reason for using tyres like the **P Zero™ Trofeo R**, rather than a standard tyre. These tyres can withstand constant heavy use and high temperatures, delivering perfect performance, lap after lap.
- **P Zero™ Trofeo R** has a stiff construction thus it does not necessarily need extra pressure to deliver performance. In fact they are designed to run at pressures around 2.2 bar (when hot), although the exact optimal pressure depends on the vehicle type. The operating pressure reached when the tyre is fully warmed at working temperature, is critical for understanding the vehicle set-up. Note that the pressure difference between “hot” and “cold” can be significant, typically around 0.5 bar.
- Set the tyre pressures when cold to approximately 0.4 bar (6lbs/sq.ins) less than the required operating pressure. Drive the car on the circuit for 3-4 laps to bring the tyres up to temperature, re-enter the pit-lane and immediately re-set the pressures to the required operating pressure. Continue to check the ‘hot’ pressures throughout the use on the circuit if possible. Pirelli recommends the use of normal compressed air (preferably dry) to inflate the tyre, providing that the above procedures are followed. Specialist gases such as nitrogen are not required unless the air source is excessively humid. Always use a high-quality air pressure gauge for consistent results. The use of metal rather than rubber valve stems is recommended as these are more resistant to high temperatures. Before leaving the circuit and after the tyres have cooled down, **DO NOT FORGET TO RE-SET TYRE PRESSURES TO THE STANDARD INFLATION PRESSURES AS RECOMMENDED BY THE VEHICLE MANUFACTURER.**

NB: Purchasers of P Zero™ Trofeo R tyres are required to sign an acknowledgement of risk document, which confirm that:

- I. The purchaser understands that he/she is purchasing a specific competition race performance Pirelli Tyre.
- II. The purchaser has been advised of and understands the usage instructions and warnings provided (specifically those related to potential reduced life due to tread wear), as well as all indications relating to tyre performance.
- III. The purchaser accepts and acknowledges the associated potential risk.



# FAST ON THE TRACK SAFE ON THE ROAD

Whilst Pirelli **P Zero™ Trofeo R** tyres are approved for road use you must always follow local highway legislation and exercise common sense when driving.

**P Zero™ Trofeo R** tyres are competition orientated and designed specifically for serious performance enthusiasts and performance vehicles. Building on Pirelli's racing knowledge, **P Zero™ Trofeo R** tyres feature a softer competition-inspired tread compound, optimised for on track performance while meeting legal requirements for road use. The advanced design of **P Zero™ Trofeo R** tyres provides enhanced performance, cornering and braking in certain conditions, surfaces and environments while presenting limited performance, in other specific conditions - such as rain, ice, snow and cold weather. This can lead to associated potential hazards, therefore:

- The use of **P Zero™ Trofeo R** tyres is not recommended for road use or track use in wet conditions, as there is a risk of aquaplaning. In wet conditions, drivers must proceed with extreme caution and reduce speed significantly - especially in the presence of standing water or heavy rain - even stopping the vehicle if necessary.
- The use of **P Zero™ Trofeo R** tyres is not recommended for road use or track use when the ambient temperature falls below 7°C. The grip from the **P Zero™ Trofeo R** tyres reduces considerably when operated in low temperatures.
- As with all sports tyres, **P Zero™ Trofeo R** tends to wear faster than standard tyres, so will cover less mileage.

Danger may result due to incorrect fitting and removal procedures, so Pirelli advises entrusting the fitting and removal of tyres to professional specialists who have the correct equipment to carry out the procedures safely, without causing damage to the tyre or wheel rim. During the tyre inflation procedure, respect the safety norms regarding distance, position and use of a safety cage. After seating the rim, reduce the pressure to the recommended usage pressure as indicated by the car manufacturer in the vehicle's manual. In the event of accidental damage or puncture, Pirelli recommends replacing all the tyres rather than attempting any kind of repair. **P Zero™ Trofeo R** should always be replaced in complete sets to ensure consistent performance characteristics. These recommendations are only an indication and are not exhaustive. Pirelli reserves the right to modify or alter the content at any time.

## IN-CAR SAFETY EQUIPMENT

Before taking your car out on a circuit it is important to take professional advice regarding car preparation and the installation of specialised safety equipment. For example, it is essential for circuit driving to install a full harness multipoint safety belt with quick release fittings. This equipment will hold the driver firmly in the seat (which itself must be checked for secure mounting): an essential feature in the event of an accident but also highly desirable during hard cornering and braking. The effectiveness of the seat harness can be further enhanced by the use of a racing seat, giving added lateral support to hold the driver in place during hard cornering. Installation of a roll bar is also advisable. Other equipment such as a roll cage and fire extinguishers, etc may be considered necessary depending on the activity involved. Once again, take professional advice as to what is required.

## DRIVER SAFETY EQUIPMENT

Absolutely essential for any track driving is a good quality crash helmet. Other key safety items are fire-retardant overalls, boots and gloves. In all matters concerning driver safety equipment, again take professional advice as to what is required for your personal choice of circuit activity.

***P ZERO<sup>TM</sup> TROFEO R***

**PRESSURE SET-UP SHEET INSIDE →**



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