

Technische Information

Technical Information

01/2022

911 GT3 Cup (992)

Michelin Preco

Michelin Preco

Fahrzeug / Vehicle:	911 GT3 Cup (992)
Bauteil / Part:	Reifen / Tyre
Modell / Model	ab 2021 / from 2021

Porsche Motorsport weist für einen sicheren Betrieb des Porsche 911 GT3 Cup (992) auf Folgendes hin:

▲ WARNUNG

FALSCH EINGESTELLTE STURZ- UND LUFTDRUCKWERTE

Falsch eingestellte Sturz- und Luftdruckwerte können zu Reifenschäden führen.

- ▶ An die vorgegebenen Sturz- und Luftdruckwerte der Michelin Preco's (Porsche Technical recommendations N3_N3R_2022.pdf – 08.02.2022.pdf) halten.
- ▶ Bei Strecken die nicht in den Michelin Preco's aufgeführt sind, müssen die Vorgaben für „low stress circuit - standard“ verwendet werden.

Eine Überschreitung der maximalen Dicke der Sturzeinstellscheiben für den jeweiligen Streckentyp, ist nicht zulässig.

	Low stress circuit standard	Medium stress circuit	High stress circuit
Max. Sturzeinstellscheiben VA:	20.0 mm	19.0 mm	18.0 mm
Max. Sturzeinstellscheiben HA	15.0 mm	13.0 mm	11.5 mm

Porsche Motorsport informs of the following point to guarantee safe operation of the Porsche 911 GT3 Cup (992):

▲ WARNING

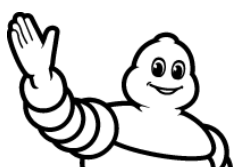
INCORRECT CAMBER AND TYRE PRESSURE VALUES

Incorrectly adjusted camber and tyre pressure values can cause tyre failure.

- ▶ Respect the specified camber and tyre pressure values listed in the Michelin Precos (Porsche Technical recommendations N3_N3R_2022.pdf – 08.02.2022).
- ▶ For circuits not listed in the Michelin Precos, the specifications for “low stress circuit - standard” must be used.

Exceeding the maximum camber shim thickness for the corresponding circuit type is not permitted.

	Low stress circuit standard	Medium stress circuit	High stress circuit
Max. camber shims FA:	20.0 mm	19.0 mm	18.0 mm
Max. camber shims RA	15.0 mm	13.0 mm	11.5 mm



MICHELIN

TECHNICAL DATA

NEW

**MICHELIN
PILOT SPORT CUP *N3* & *N3R***



**MICHELIN
PILOT SPORT GT P2L**

Updated on the 25th of January 2022



TYRES & TECHNICAL DATA

TYRES

	 MICHELIN Pilot Sport Cup N3 & N3R	 MICHELIN Pilot Sport GT P2L
FRONT	30/65-18 N3	30/65-18
REAR	31/71-18 N3R	31/71-18

TECHNICAL DATA



SIZE	TYRE	WHEEL RECOMMENDED (")	TREAD WIDTH (mm)	TIRE SECTION (MM)	DIAMETER INFLATED (mm)	ROLLING CIRCUMFERENCE (mm)
30/65-18	MICHELIN PORSCHE CUP N3	12	296	320	651	2030
31/71-18	MICHELIN PORSCHE CUP N3R	13	311	348	708	2197



SIZE	TYRE	WHEEL RECOMMENDED (")	TREAD WIDTH (mm)	TIRE SECTION (MM)	DIAMETER INFLATED (mm)	ROLLING CIRCUMFERENCE (mm)
30/65-18	MICHELIN PILOT SPORT GT P2L	12.5	295	325	653	2057
31/71-18	MICHELIN PILOT SPORT GT P2L	13	313	347	711	2232

TECHNICAL RECOMMENDATIONS FOR USE

Important note regarding the Customer Competition race car tires Michelin Group

The recommendations must be respected to ensure safety

After a run, the delta of temperature between the inside shoulder and the outside shoulder has to be less than 20°C.

Exceeding some of these data levels (f.e. camber) may cause a tyre damage or a fall of in performances : high tyre wear, balance problems (oversteer/understeer) and a drop off in laptimes (less constant).

One stint is equivalent to the mileage indicated (including a maximum of 2 pit stops and/or driving under pace car). At this mileage and this speed limit, the integrity of the construction is guaranteed for endurance but not for wear potential or grip potential. Therefore, depending on the conditions of use, a tyre :

Could be worn before achieving the indicated mileage,

Could be only partially worn even though the indicated mileage has been achieved. In this case, the integrity of the construction cannot be guaranteed, the tyre must be replaced.

These recommendations are valid unless the tyres have been damaged: for example, puncture or flat spots.

The recommendations regarding rain tyres are only for wet conditions and not intended for a drying race track.

TECHNICAL RECOMMENDATIONS FOR USE

All the technical recommendations are explained in next pages for :

FRONT TYRES

30/65-18 MICHELIN PILOT SPORT CUP N3

30/65-18 MICHELIN PILOT SPORT GT P2L

REAR TYRES

31/71-18 MICHELIN PILOT SPORT CUP N3R

31/71-18 MICHELIN PILOT SPORT GT P2L

For rear tyres we defined **3 RECOMMENDATIONS** relative to the stress level of tracks :

MID STRESS <i>Tracks</i>	HIGH STRESS <i>Tracks</i>	SPECIFIC (1) <i>Tracks</i>
Le Castellet Macao Mount Panorama Red Bull ring Silverstone Spa Francorchamps Zandvoort Zolder	Dijon Indianapolis Interlagos Lime Rock Monza Mosport Nürburgring Nordschleife Phillip Island Road America Road Atlanta VIR Watkins Glen	24h Le Mans Tracks with banking (2)

For all other tracks, you can apply the **STANDARD** recommendations for use.

(1) Contact Michelin for specific track recommendations for use

(2) Tracks with banking other than listed in mid stress and high stress

FRONT TYRE RECOMMENDATIONS



30/65-18 MICHELIN PILOT SPORT CUP R3

Usage :		Circuit sans banking / Track without banking			
Vitesse max / Max speed :		320 km/h			
Jante nominale / Nominal rim :		12 J 18			
Pression mini à froid / Mini cold pressure :		1.2 bar ⇔ 17.4 Psi			
Relais / Stint :		200 km			
Nb de relais / Nb of stints		Pression mini à chaud / Mini hot pressure			
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-4.51°	0	0	0	0	0
-4.5°	0	1	1	1	1
-4.0°	0	1	1	1	1
From -2° to -3.5°	0	1	1	1	1



30/65-18 MICHELIN PILOT SPORT GT P2L

Usage :		Circuit sans banking / Track without banking			
Vitesse max / Max speed :		320 km/h			
Jante nominale / Nominal rim :		12 J 18			
Pression mini à froid / Mini cold pressure :		1.4 bar ⇔ 20.3 Psi			
Relais / Stint :		160 km			
Nb de relais / Nb of stints		Pression mini à chaud / Mini hot pressure			
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-4.01°	0	0	0	0	0
-4.0°	0	0	1	1	1
-3.5°	0	2	2	2	2
-3.0°	0	2	2	2	2
From -2° to -2.5°	0	2	2	2	2

REAR TYRE RECOMMENDATIONS



31/71-18 MICHELIN PILOT SPORT CUP N3R

Usage :		Track not listed in mid stress, high stress, specific			
Vitesse max / Max speed :		320 km/h			
Jante nominale / Nominal rim :		13 J 18			
Pression mini à froid / Mini cold pressure :		1.2 bar ⇔ 17.4 Psi			
Relais / Stint :		200 km			
Nb de relais / Nb of stints	Pression mini à chaud / Mini hot pressure				
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-4.01°	0	0	0	0	0
-4.0°	0	1	1	1	1
-3.5°	0	1	1	1	1
From -1.5° to -3°	0	1	1	1	1



31/71-18 MICHELIN PILOT SPORT GT P2L

Usage :		Circuit sans banking / Track without banking			
Vitesse max / Max speed :		320 km/h			
Jante nominale / Nominal rim :		13 J 18			
Pression mini à froid / Mini cold pressure :		1.3 bar ⇔ 18.9 Psi			
Relais / Stint :		160 km			
Nb de relais / Nb of stints	Pression mini à chaud / Mini hot pressure				
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-3.51°	0	0	0	0	0
-3.5°	0	2	2	2	2
-3.0°	0	2	2	2	2
From -2° to -2.5°	0	2	2	2	2

REAR TYRE RECOMMENDATIONS



31/71-18 MICHELIN PILOT SPORT CUP N3R

Usage :	Le Castellet, Macao, Mount Panorama, Red Bull ring, Silverstone, Spa Francorchamps, Zandvoort, Zolder				
Vitesse max / Max speed :	320 km/h				
Jante nominale / Nominal rim :	13 J 18				
Pression mini à froid / Mini cold pressure :	1.3 bar ⇔ 18.9 Psi				
Relais / Stint :	200 km				
Nb de relais / Nb of stints	Pression mini à chaud / Mini hot pressure				
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-3.51°	0	0	0	0	0
-3.5°	0	0	1	1	1
-3.0°	0	0	1	1	1
From -1.5° to -2.5°	0	0	1	1	1



31/71-18 MICHELIN PILOT SPORT GT P2L

Usage :	Circuit sans banking / Track without banking				
Vitesse max / Max speed :	320 km/h				
Jante nominale / Nominal rim :	13 J 18				
Pression mini à froid / Mini cold pressure :	1.3 bar ⇔ 18.9 Psi				
Relais / Stint :	160 km				
Nb de relais / Nb of stints	Pression mini à chaud / Mini hot pressure				
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-3.51°	0	0	0	0	0
-3.5°	0	2	2	2	2
-3.0°	0	2	2	2	2
From -2° to -2.5°	0	2	2	2	2

REAR TYRE RECOMMENDATIONS



31/71-18 MICHELIN PILOT SPORT CUP R3R

Usage :		Dijon, Indianapolis, Interlagos, Lime Rock, Monza, Mosport, Nürburgring Nordschleife, Phillip Island, Road America, Road Atlanta, VIR, Watkins Glen			
Vitesse max / Max speed :		320 km/h			
Jante nominale / Nominal rim :		13 J 18			
Pression mini à froid / Mini cold pressure :		1.3 bar ⇔ 18.9 Psi			
Relais / Stint :		200 km			
Nb de relais / Nb of stints	Pression mini à chaud / Mini hot pressure				
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-3.01°	0	0	0	0	0
-3.0°	0	0	1	1	1
-2.5°	0	0	1	1	1
From -1.5° to -2°	0	0	1	1	1



31/71-18 MICHELIN PILOT SPORT GT P2L

Usage :		Circuit sans banking / Track without banking			
Vitesse max / Max speed :		320 km/h			
Jante nominale / Nominal rim :		13 J 18			
Pression mini à froid / Mini cold pressure :		1.3 bar ⇔ 18.9 Psi			
Relais / Stint :		160 km			
Nb de relais / Nb of stints	Pression mini à chaud / Mini hot pressure				
Carrossage / Camber	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9 Psi 2.2 bar	33.4 Psi 2.3 bar
-3.01°	0	0	0	0	0
-3.0°	0	2	2	2	2
-2.5°	0	2	2	2	2
From -1.5° to -2°	0	2	2	2	2

REAR TYRE RECOMMENDATIONS



31/71-18 MICHELIN PILOT SPORT CUP R3R

Usage :	24h Le Mans Tracks with banking ⁽²⁾ <i>(2) Tracks with banking other than listed in mid stress and high stress</i>
CONTACT YOUR MICHELIN TECHNICAL ADVISOR	



31/71-18 MICHELIN PILOT SPORT GT P2L

Usage :	24h Le Mans Tracks with banking ⁽²⁾ <i>(2) Tracks with banking other than listed in mid stress and high stress</i>
CONTACT YOUR MICHELIN TECHNICAL ADVISOR	

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