

IMSA except Daytona – Usage Requirements for Michelin Commercial Competition Tires

The tables listed in this document specify operational constraints which are intended to ensure tire endurance of Michelin commercial competition tires during use in IMSA sanctioned motorsport events.

One stint is equivalent to the mileage indicated (including a maximum of 2 pit stops and/or driving periods 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 tire:

- 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 tire must be replaced.

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

These requirements are valid unless the tires have been damaged: for example puncture or flat spots.

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

This document is issued to IMSA competitors to satisfy the requirements of section 3.6.6 within Attachment 3, of the 2021 IMSA SPORTING REGULATIONS & SERIES SUPPLEMENTARY REGULATIONS. Operating outside of these operational requirements (i.e. camber) may result in tire damage or degradation in tire performance and are subject to penalties for non-compliance with Attachment 3, Section 3.6.6 as noted below.

3.6.6. Operational Requirements: *Tire manufacturers shall issue bulletins, no later than two (2) hours prior to the first scheduled on-track session for each sanctioned Event, specifying appropriate operational requirements. These bulletins may be issued to cover single or multiple Events and/or locations. Such bulletins shall include the following operational requirements:*

A. Minimum cold and/or hot pressures;

B. Minimum and/or maximum front and/or rear camber settings;

C. Compliance with Tire Manufacturer operational requirements is mandatory. Deviation from published requirements may only be granted by designated Tire Manufacturer representatives via published bulletin upon approval by IMSA. Noncompliance is subject to penalty.

D. Access: Officials of IMSA and the tire manufacturer shall have free access into the Competitor's pit and Paddock space at all times to validate the operational requirements including tire pressures and alignment settings. This includes access to tire pressure data from Car telemetry systems. Tire Manufacturers and IMSA may perform comparisons of telemetry-reported tire pressures to actual measured tire pressures. Intentional application of offsets within the pressures being reported by the tire pressure monitoring system and associated Car telemetry system is prohibited and may be subject to penalty.

Use of pressure/camber combinations where zero is listed for the number of stints as shown in red cells within the tables below is prohibited.



IMSA except Daytona – Usage Requirements**27/65 - 18****S8M – S9M**

Usage : Track without banking

Max speed : 320 km/h

Nominal Rim : 11 (+0.5 / - 1) J 18

Minimum cold pressure : 20.3 Psi/1.4 bar

Stint length : 190 km

Number of stints	Minimum hot pressure				
Camber Limit @ Min. Hot Pressure	26.1 Psi 1.8 bar	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9Psi 2.2 bar
More negative than -4.5°	0	0	0	0	0
-4.01 to -4.5°	0	0	0	2	2
From -2° to -4°	0	0	2	2	2

Negative camber beyond -4.5 degrees is prohibited.

Hot pressures in excess of 31.9 psi/2.2 bar are permitted.

P2L

Usage : Track without banking

Max speed : 320 km/h

Nominal Rim : 11 (+0.5 / - 1) J 18

Minimum cold pressure : 20.3 Psi/1.4 bar

Stint length : 190 km

Number of stints	Minimum hot pressure				
Camber Limit @ Min. Hot Pressure	26.1 Psi 1.8 bar	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9Psi 2.2 bar
More negative than -4.5°	0	0	0	0	0
-4.01 to -4.5°	0	0	1	1	1
From -2° to -4°	0	1	1	1	1

Negative camber beyond -4.5 degrees is prohibited.

Hot pressure in excess of 31.9 psi/2.2 bar is permitted.



30/65 - 18

S8M – S9M – P2L

Usage : **Track without banking**
 Max speed : **320 km/h**
 Nominal Rim : **12,5 (+/- 0,5) J 18**
 Minimum cold pressure : **20.3 Psi/1.4 bar**
 Stint length : **190 km**

Number of stints	Minimum hot pressure				
Camber	27.6 Psi <small>1.9 bar</small>	29.0 Psi <small>2.0 bar</small>	30.5 Psi <small>2.1 bar</small>	31.9Psi <small>2.2 bar</small>	33.3 Psi <small>2,3 bar</small>
More negative than -3.5°	0	0	0	0	0
-3.01 to -3.5°	0	0	2	2	2
From -2° to -3°	0	2	2	2	2

Negative camber beyond -3.5 degrees is prohibited.

Hot pressure in excess of 33.3 psi/2.3 bar is permitted.

30/68 - 18

S8M – S9M – P2L

Usage : **Track without banking**
 Max speed : **320 km/h**
 Nominal Rim : **12,5 (+/- 0,5) J 18**
 Minimum cold pressure : **18.8 Psi/1.3 bar**
 Stint length : **180 km**

Number of stints	Minimum hot pressure				
Camber	26.1 Psi <small>1.8 bar</small>	27.6 Psi <small>1.9 bar</small>	29.0 Psi <small>2.0 bar</small>	30.5 Psi <small>2.1 bar</small>	31.9Psi <small>2.2 bar</small>
More negative than -4.0°	0	0	0	0	0
-3.51 to -4.0°	0	0	2	2	2
From -2° to -3,5°	0	2	2	2	2

Negative camber beyond -4.0 degrees is prohibited.

Hot pressure in excess of 31.9 psi/2.2 bar is permitted.



33/68 - 18

S8M – S9M

Usage : Track without banking
 Max speed : 320 km/h
 Nominal Rim : 12 (+1 /- 0,5) J 18
 Minimum cold pressure : 17.4 Psi/1.2 bar
 Stint length : 190 km

Number of stints	Minimum hot pressure				
Camber	26.1 Psi 1.8 bar	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9Psi 2.2 bar
More negative than -3.2°	0	0	0	0	0
From -2° to -3.2°	0	2	2	2	2

Negative camber beyond -3.2 degrees is prohibited.

Hot pressure in excess of 31.9 psi/2.2 bar is permitted.

31/71 - 18

S8M – S9M – P2L

Usage : Track without banking
 Max speed : 320 km/h
 Nominal Rim : 13 (+/- 0,5) J 18
 Minimum cold pressure : 17.4 Psi/1.2 bar
 Stint length : 180 km

Number of stints	Minimum hot pressure				
Camber	26.1 Psi 1.8 bar	27.6 Psi 1.9 bar	29.0 Psi 2.0 bar	30.5 Psi 2.1 bar	31.9Psi 2.2 bar
More negative than -3.5°	0	0	0	0	0
-3,5°	0	0	2	2	2
From -2° to -3°	0	2	2	2	2

Negative camber beyond -3.5 degrees is prohibited.

Hot pressure in excess of 31.9 psi/2.2 bar is permitted.

