



FIA FORMULA 1 WORLD CHAMPIONSHIP



# 2024 ITALIAN GRAND PRIX

30 August - 01 September 2024

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	1
<b>To</b>	All Teams, All Officials	<b>Date</b>	28 August 2024
		<b>Time</b>	14:30

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**Title** Event Notes - Pirelli Preview  
**Description** Pirelli Preview  
**Enclosed** 24R16MZA Preview - Issue A.pdf

**Niels Wittich**

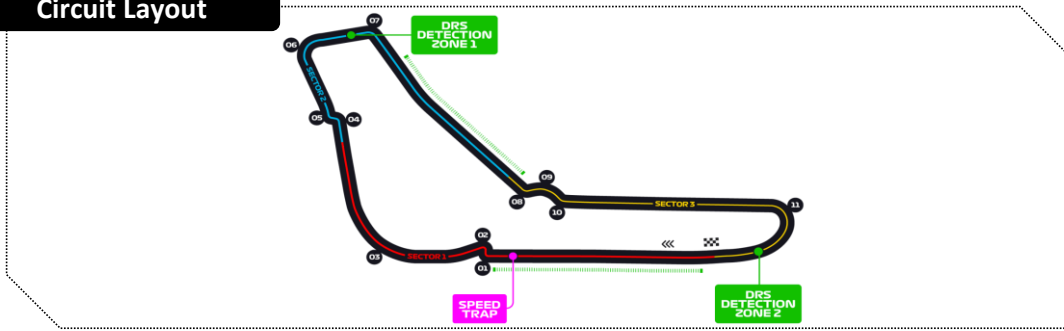
**The FIA Formula One Race Director**

In agreement with the FIA and in accordance with Article 30.5 a) of the F1 Sporting Regulations, this document contains the prescriptions for the operation of tyres during the following event.

Document version 1 Issue A

## Grand Prix of Italy 30/08-01/09/2024 (24R16MZA)

### Circuit Layout



### Compounds selection

Compound	FL	FR	RL	RR
<b>C3</b>	3F1	3F2	3F3	3F4
<b>C4</b>	4P1	4P2	4P3	4P4
<b>C5</b>	5S1	5S2	5S3	5S4
<b>Intermediate</b>	MW1	MW2	MW3	MW4
<b>Wet</b>	XW1	XW2	XW3	XW4

#### Mandatory race tyres

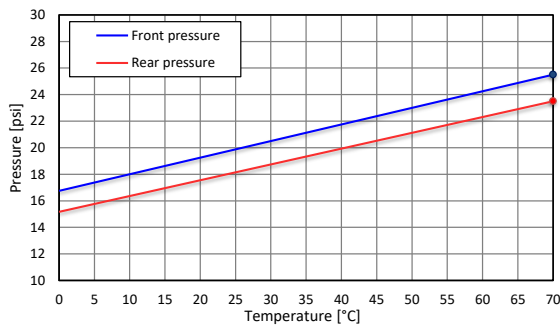
<b>C3</b>
<b>C4</b>
<b>Q3 tyre</b>
<b>C5</b>

### Prescriptions

#### Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	25.5 psi	26.0 psi	23.0 psi	≥27.5 psi	-3.00°
<b>Rear</b>	23.5 psi	24.5 psi	21.0 psi	≥25.5 psi	-2.00°

#### Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.125 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.119 + P_{startr}$$

$P_{startf}$ : Minimum starting pressure on the front axle [psi]

$P_{startr}$ : Minimum starting pressure on the rear axle [psi]

$T$ : Tyre temperature [°C]

#### Maximum heating times and temperatures (tread & sidewall)

Temperature	0	60	70 (°C)
<b>Slicks</b>	max. 2h		
<b>Intermediate</b>	max. 2h		
<b>Wet</b>	No blankets allowed		

- Temperatures refer to tyre tread and side wall temperatures, not blanket or controller set-point temperatures.
- Tyres may only be heated prior to the session in which they are intended to be used.
- The temperatures apply at all times during the event.

### Tyre Notes

- Not permitted to switch tyres from their originally allocated position.
- Do not subject tyres to large deformation or heavy impact.
- Do not leave fitted tyres exposed at an air temperature lower than 10°C and/or any excessive UV emission.
- Revised prescriptions could be issued during the race weekend in accordance with TD003.
- Cut-off time for fitting tyres at an event on Sunday morning: 4 hours prior to the race start
- Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003
- BLANKET HEATING TIME for each temperature range to be counted from the moment the blanket control unit is set to reach its targeted temperature within its correspondent interval
- Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003

### General Notes

Teams are kindly reminded that the following will be subject to FIA checks during the event:

- Starting pressures
- Cold pressures (according to the cold pressure cooling curves)
- Re-heat pressures
- EOS Camber
- Maximum tyre temperatures and times in blankets
- Tyre swapping