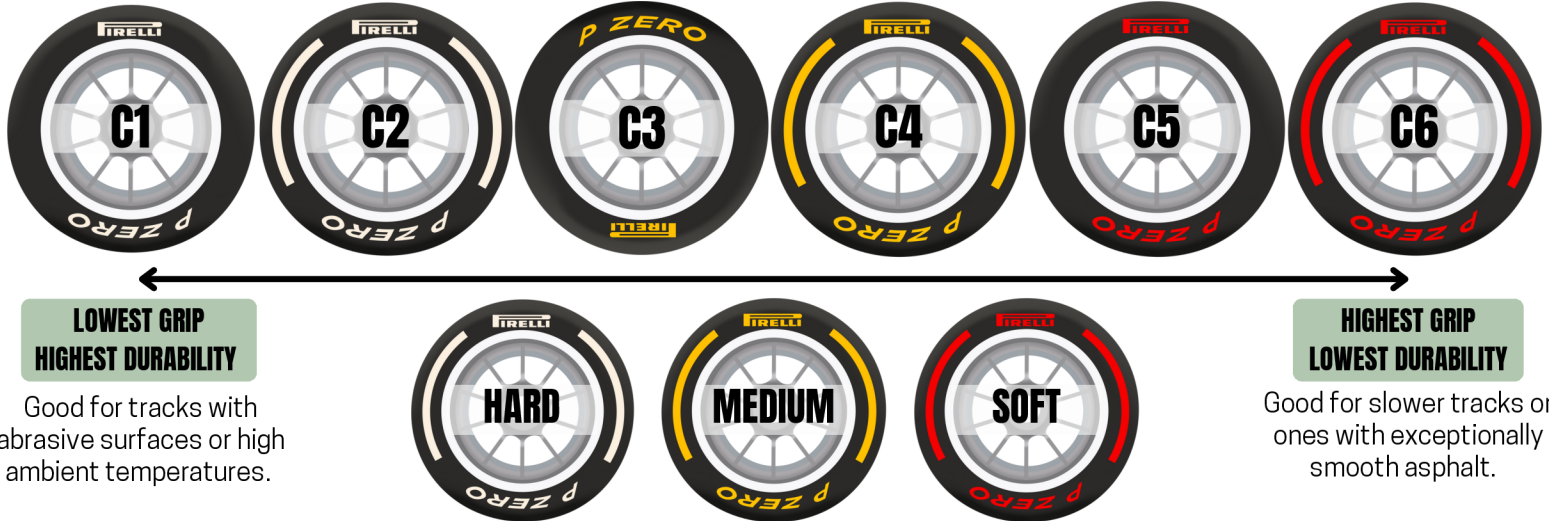


Three compounds are chosen by Pirelli to bring to each race based on which they think will perform the best.

COMPOUNDS | different rubber mixes used in the different types of tyres, giving them their unique characteristics. Named C1-C5.

Each weekend the tyres are colour coded and nicknamed the hard (white), medium (yellow) and soft (red) tyres.



Two different compounds must be used per Grand Prix*

Tyres are intentionally designed to not last the entire race, adding to the complexity of pit stop strategy.

- Tyre performance is highly influenced by a track's temperature and layout. Free practices are used to analyse tyre performance and make pit stop plans.
- All tyres must be returned to Pirelli by various deadlines throughout the weekend
- Filled with nitrogen gas, more stable at various temperatures
- Made with a mix of natural and synthetic rubber, and artificial fibbers
- Front tyres are narrower and the rear wider

Weight | Front 9.5kg Rear 11.5kg Peak performance temperature ~110°C 18 inch rims
Excluding rims tyre blankets used to help warm up the tyres

Driver allocation per weekend

- 8 softs
- 3 mediums
- 2 hards
- 4 intermediates*
- 3 wets



Intermediate

For no standing water, drying track
5 cm wider
Medium grooves
Shifts 30L of water



Wet

For standing water
10 cm wider
Large grooves
Shifts 85L of water
Must stay wet to avoid overheating

GRAINING | outer edges of a tyre overheats, looks like pilling on a sweater

MARBLES | tyre rubber that comes off and accumulates on the sides of the track

SCRUBBED | used/already broken in tyres

BLISTERING | inner part of the tyre overheats, causing bubbling of the surface

DEG/DEGRADATION | loss of tyre performance due to wear

SLICKS | completely smooth tyres gives the most contact with the track and high grip, for dry weather

FLAT SPOT | place where the tyre loses its curvature

TYRE WARMER | electric blanket that's wrapped around the tyres



Single supplier to prevent escalating costs and help reduce performance gaps. Tyre design adjusted each year and tested at select events.

*rules vary for sprint races and/or wet sessions