

Oct 2017



Hoosier Racing Tire is proud to be a part of the newly formed RUSH Sprint Car Series. Our goal is to provide safe tires that have good repeatability and longevity. Below are the approved rear tires for the inaugural 2018 season based on recent field testing.

Wheel Position	Size	Approximate Circumference	Approximate Diameter	Recommended Wheel Width	Recommended PSI	Target Chalk Mark
Left Rear	92.0/14.0-15	92"	29.0"	14"-15"	6	96"
Left Rear	94.0/14.0-15	94"	30.0"	14"-15"	6	98"
Left Rear	96.0/14.0-15	96"	30.5"	14"-15"	6	100"
Right Rear	103/14.0-15	103" - 104"	32.8"	16"-18"	9	107"

Recommended inflation procedure

First, always mount new tires with the four digit date code towards the infield. The date code is a combination of (2) letter and (2) number located by the bead. Once the tire bead is seated on the rim, continue to inflate to a maximum of 25 PSI for 15 minutes and then reduce to your starting pressure. At this point measure the tire to check the actual circumference. The final rollout should be approximately 4" smaller than the "yellow chalk mark" on the left rear and right rear. The front tires should be approximately 2" smaller than the "yellow chalk mark".

Left Rears

Three sizes will be available to adjust rear stagger based on track size and surface conditions. Each size will be available in one compound and will be identified in the sidewall with the **RUSH** Sprint Car Series Logo. The approximate hardness durometer reading at indoor, room temperature is 35. The recommended starting is 6 PSI for a neutral track condition. Minimum is 5 PSI for dry and slick conditions and maximum is 7 PSI for rough track conditions with a heavy cushion. We conducted all the testing utilizing a 15" wide wheel.

Right Rear

This tire will be available in one size and one compound and will be identified in the sidewall with the **RUSH** Sprint Car Series Logo. The approximate hardness durometer reading at indoor, room temperature will be approximately 53. The recommended starting is 9 PSI for a neutral track condition. Minimum is 8 PSI for dry and slick conditions and maximum is 12 PSI for very rough track conditions with a heavy cushion. We conducted all the testing utilizing a 17" wide wheel.

Fronts

Wheel Position	Size	Approximate Circumference	Approximate Diameter	Recommended Wheel Width	Recommended PSI
Front	85/8.0-15	85"	27.0"	8"	LF-10 RF-12

The recommended front tire size is the 85/8.0-15 and is available in three compound options. Ranging from a soft D12, Medium D15, and firm D20.

For a wet or slick (non-abrasive surface) the recommended compound is the D12 on the left and right front. If the track conditions are dry and abrasive the recommended compound is the D15 on the right front and a D12 on the left front. A D20 compound would only be required on the right front if track conditions are extremely severe.

Tire Maintenance

Proper winter tire storage

- Race tires can freeze so remove all tires from your race trailer and store all tires indoors. Race Tires do not have UV protectants and chemicals to protect the tire from the elements.
- Unmounted is preferred, but if mounted remove all air.
- Keep out of direct light (windows, welder flash, florescent lighting).
- Maintain a steady temperature of at least 55 degrees in the building.
- Store in dark bags if possible.
- If you have an extended break during the season brings all the tires indoors. Do leave exposed to the elements.

Tire Cleaning

- Between races pressure washing is preferred.
- Avoid harsh chemical cleaners or tire shines.

Tire Sanding

- Sanding is recommended between races especially if the tread surface has a smooth, no graining appearance. Use a light grit sanding disk on a variable speed, high torque grinder. You're looking to remove the "shine" not cut into the rubber. If you see smoke while grinding, reduce your grinder speed.

Contact

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