STI

HOW TO READ STANDARD TIRE SIZING

25 / 8 - 12

The overall height of the tire when mounted and inflated to recommended air pressure. In this example the tire is 25 inches tall.

The overall width of the tire when mounted and inflated to recommended air pressure. In this example the tire is 8 inches wide.

The diameter of the wheel that this tire will mount to. In this case it will be a 12 inch diameter wheel.

HOW TO READ METRIC TIRE SIZING

205 / 80 R 12

The width of the tire in millimeters when mounted and inflated to recommended air pressure. In this case it's 205 millimeters wide. Divide this by 25.4 to convert to inches. The result is 8.07. This rounds off to 8 inches.

The aspect ratio to the width of the tire when mounted and inflated to recommended air pressure. This specifies the sidewall height. In this case it's 80% of 205mm, which is 164. To convert the sidewall height to an overall diameter you must multiply that by 2 (which results in 328mm), then divide by 25.4 to convert to inches (which equals 12.913) and is then added to the wheel diameter (in this case, 12 inches). The result is 24.913 inches. This rounds off to 25 inches.

This indicates that the tire uses radial construction.

The diameter of the wheel that this tire will mount to. In this case it will be a 12-inch diameter wheel.

This converts to a traditional equivalent of:

25 / 8 - 12