



safercar.gov



2013 Consumer Guide to Uniform Tire Quality Grading System

The Uniform Tire Quality Grading System (UTQGS) allows consumers to compare tire treadwear, traction performance, and temperature resistance. The Federal Government requires tire manufacturers to grade their tires in these three areas and place the information on the sidewall of the tire.

[Download the 2013 Consumer Guide to Uniform Tire Quality Grading System at www.safercar.gov/staticfiles/safercar/pdf/2013UniformTireQualityGrading.pdf](http://www.safercar.gov/staticfiles/safercar/pdf/2013UniformTireQualityGrading.pdf)

Tire Rating Lookup

To assist consumers purchasing new vehicles or replacement tires, NHTSA has rated more than 2,400 lines of tires, including most used on passenger cars, minivans, SUVs and light pickup trucks.

[Lookup Tire Ratings at www.safercar.gov/Vehicle+Shoppers/Tires+Rating](http://www.safercar.gov/Vehicle+Shoppers/Tires+Rating)

U.S. Department of Transportation
National Highway Traffic Safety Administration

NHTSA
www.nhtsa.gov

DOT HS 811 791 July 2013

Consumer Guide to Uniform Tire Quality Grading

Comparative grade designations for treadwear, traction and temperature for all passenger car tires, except deep tread, winter-type snow tires, space-saver or temporary use spares; or tires with normal rim diameters of 12 inches or less.

The diagram shows a tire sidewall with the following labels and markings:

- Treadwear, Traction and Temperature Grades:** TREADWEAR 220 TRACTION A TEMPERATURE A
- Maximum Load Rating:** 44
- Maximum Permissible Inflation Pressure:** 35
- Manufacturer:** MANUFACTURER
- Tire Name:** TIRE NAME
- U.S. DOT Tire Identification Number:** 468 89
- Speed Symbol:** S
- Load Index:** 89
- Rim Diameter Code (Diameter of wheel in inches):** 15
- Radial (Construction Code):** R
- Passenger Car Tire:** Passenger Car Tire
- Nominal Width of Tire in Millimeters:** 195
- Ratio of Height to Width (Aspect Ratio):** 65