

ST RADIAL



N-SPEED RATING

N-Speed rating to cover the highest speed limits on the road today.



SHALLOW TREAD DEPTH

Modified shallow tread depth to reduce heat build-up.



ADVANCED TREAD COMPOUND

Advanced tread compound designed to improve fuel efficiency and resist weather cracking.



DEPENDABLE TRACTION RIB

Dependable traction rib design for easy towing capability and long-lasting wear.



FREE ROAD HAZARD COVERAGE



EXTENSIVELY TESTED DTAP FMVSS 139 ENDURANCE TEST

- Test tires are oven aged at 165 degrees Fahrenheit for a period of 5 weeks
- Test tires are conditioned using a 50/50 mix of Nitrogen and Oxygen (Normally air approximately comprised of 80% Nitrogen & 20% Oxygen thus the higher (2.5X) level of Oxygen in our conditioning process is the most difficult test variable since Oxygen is the real culprit in the degradation process of an aging tire)
- Once the aging/conditioning process is complete tires are mounted on a test wheel under lab conditions (Max load & Max PSI) and tested at 75 MPH under 100 degrees Fahrenheit room temperature
- Loads are steadily increased until 34 hours of test wheel time is completed
- After 34 hours tires are inspected to confirm there are no defects from the wheel test
- If tires are defect free, the inflation is decreased by 10% and the test resumes
- At 37 hours the DOT regulatory limit is met/achieved, if the tire is defect free after inspection the tire is deemed to have passed Federal DOT standards
- Here is the KEY to Advanta ST testing standards - Engineering will then restart the test at the lower inflation and continue to run at 75 MPH until the tire fails. The typical elapsed time before tire failure is at least 100 hours
- The successful completion of this tire conditioning and robust testing standards approximates what a tire would be expected to endure in 5-7 years of commercial field service