

Load Capacity of Nitto® NT05R™ Tires

Nitto Tire U.S.A. Inc. is introducing the following sizes in the NT05R Drag Radial product line that are designed using the Light Load (LL) standard of the Tire and Rim Association (T.R.A.);

P275/40R17 93 LL
P315/35R17 93 LL
P285/40R18 96 LL
P305/45R18 103 LL
P315/40R18 102 LL
P345/30R19 98 LL
P315/35R20 97 LL

Load Identification

Under the T.R.A.'s designation, tire load is divided into three categories: Light Load (LL), Standard Load (SL), and Extra Load (XL). Each refers to the tire's ability to carry a certain load at a given air pressure. Tires designed for LL, SL, XL duty are usually identified as such on the sidewall.

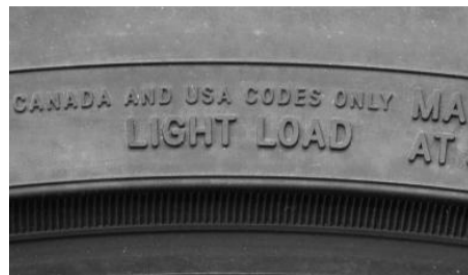


Figure 1 – Light Load molded into sidewall

CAUTION! A Light Load tire carries less load at the same inflation pressure as a standard load tire and has a lower maximum load capacity than the equivalent standard load size.

Figure 2 below shows the different load capacities of the three different categories of tires of the same size.

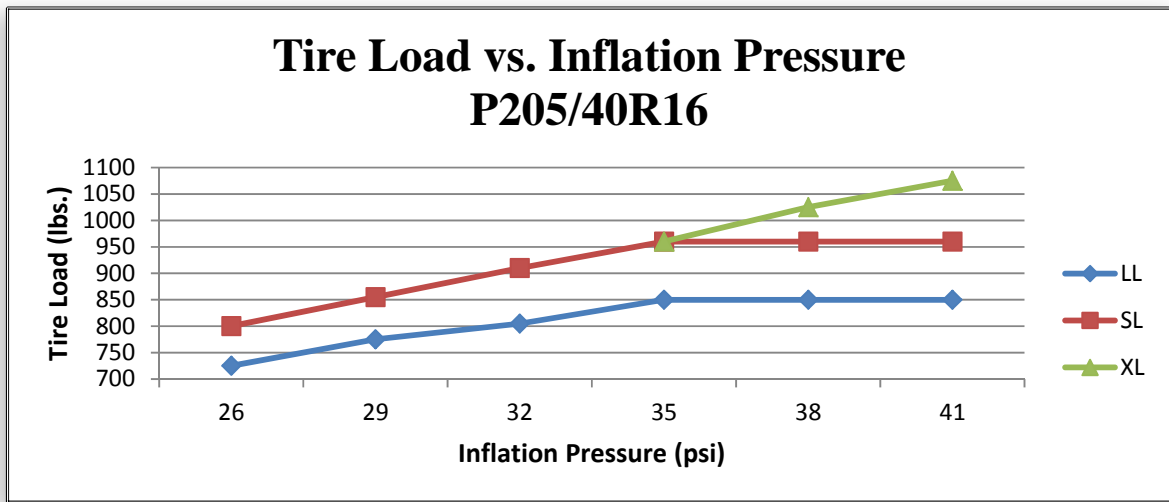


Figure 2 – Tire Load vs. Inflation Chart

General Advice for Determining Correct Inflation Pressure:

“Plus size” tires, including subject tires, may require higher inflation pressures than what is indicated on the vehicle Tire Information Placard or in the vehicle Owner’s Manual. Any “plus size” tire should be inflated to a pressure that provides equal or greater load capacity compared to the original equipment (O.E.) tire. Always refer to tire industry load & inflation tables to determine correct inflation values when installing “plus sizes”, or contact Nitto tire for assistance.

WARNING

Always observe this advice to avoid overloading the tire. Tire overload will contribute to tire fatigue and could lead to tire failure. Tire failure may lead to an accident, which may result in injury or death.

Single Load per tire in pounds:

Size		Tire Load Limit at Various Cold Inflation Pressures					
		PSI	26	29	32	35	36
P275/40R17	93LL	lbs.	1,235	1,301	1,367	1,433	
P315/35R17	93LL	lbs.	1,246	1,323	1,378	1,433	
P285/40R18	96LL	lbs.	1,367	1,444	1,510	1,565	
P305/45R18	103LL	lbs.	1,554	1,664	1,775	1,874	1,929
P315/40R18	102LL	lbs.	1,620	1,709	1,786	1,874	
P345/30R19	98LL	lbs.	1,433	1,510	1,587	1,653	
P315/35R20	97LL	lbs.	1,301	1,389	1,477	1,565	1,609

Figure 3 – T.R.A. Load & Inflation Table

Load and inflation tables are published by The Tire and Rim Association, Inc. 175 Montrose West Ave., Suite 150, Copley, Ohio 44321.

For more information, please contact Nitto Tire U.S.A. Inc.'s Consumer Relations Department at
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