

**NITTO**<sup>®</sup>

FUELED BY ENTHUSIASTS<sup>®</sup>



**2017**

NITTO TIRE U.S.A. INC.

2017





Nitto Tire is driven by passion and innovation. We create tires for those who are enthusiastic about their vehicles. We always strive to anticipate and drive consumer trends by supporting emerging markets before they are mainstream, helping them grow and driving the market forward.

Our tire sizing, tread patterns and tire compounds combine modern aesthetics with cutting-edge technology. This technology has helped us create some of the most radical-looking tire designs on the market today. These memorable designs are the result of state-of-the-art development, quality engineering and rigorous testing procedures.

By incorporating computer-modeled designs for road noise reduction and a program that aids in enhancing dynamic contact points while driving, our engineers successfully identify and counteract undesirable tire responses in a variety of driving conditions. In addition, the tested technological advances in polymer tread compounds allow our engineers to deliver truly high-quality tires that provide extended tread life, improved traction on both wet and dry roads and inspire driver satisfaction.



**GRAPPLER TRUCKS**

**STREET**

**COMPETITION**



# TABLE OF CONTENTS

## GRAPPLER TRUCKS

<b>Mud Grappler®</b> (Mud-Terrain) .....	04
<b>Trail Grappler® m/T</b> (Mud-Terrain) .....	08
<b>RIDGE GRAPPLER®</b> (Hybrid-Terrain) .....	12
<b>EXO GRAPPLER® AWT</b> (All-Terrain) .....	16
<b>TERRA GRAPPLER® G2</b> (All-Terrain) .....	20
<b>TERRA GRAPPLER®</b> (All-Terrain) .....	24
<b>Dune Grappler®</b> (Desert-Terrain) .....	28
<b>DURA GRAPPLER®</b> (Highway-Terrain) .....	32

## STREET

<b>NT420S</b> (All-Season Truck and SUV) .....	36
<b>NT421R</b> (Premier All-Season CUV & SUV) .....	40
<b>MOTIVO</b> (Ultra High Performance All Season) .....	44
<b>NT05™</b> (Max Performance Summer) .....	48
<b>INVO</b> (Luxury Sport Ultra High Performance) .....	52
<b>NT555 G2</b> (Ultra High Performance Summer) .....	56
<b>NT555</b> (Ultra High Performance Summer) .....	60
<b>NEO GEN</b> (Ultra High Performance All Season) .....	64
<b>NT90W</b> (Winter Performance) .....	68

## COMPETITION

<b>NT01</b> (Competition Road Course) .....	72
<b>NT05R™</b> (Competition Drag) .....	76
<b>NT555R</b> (Competition Drag) .....	80
Safety Warnings .....	84







# Mud Grappler®

PQ  
PERFORMANCE  
RATED

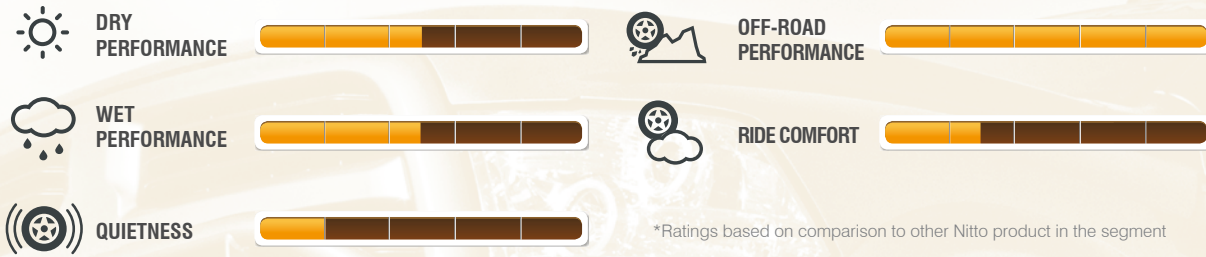
## EXTREME MUD TERRAIN LIGHT TRUCK TIRE

The Mud Grappler® extreme mud terrain tires provide traction over various off-road terrain, whether it's dirt, rocks or mud. The massive side-lugs and 3-ply polyester sidewall construction add more protection to help prevent sidewall punctures when facing the most challenging off-road obstacles.





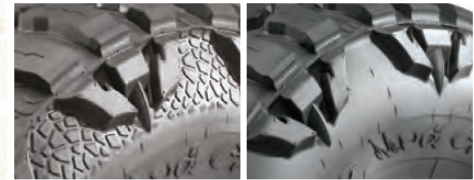
## EXTREME MUD TERRAIN LIGHT TRUCK TIRE



**HIGH VOID RATIO**  
The high void ratio between the tread blocks efficiently clears mud and dirt from the pattern to provide excellent traction in extreme terrain.

**OFF-ROAD TRACTION**  
The tread blocks keep part of the lugs biting the ground at all times.

**PUNCTURE RESISTANCE**  
The three-ply polyester sidewall construction and high strength steel belt tread package improve puncture resistance.



**DUAL SIDEWALL DESIGNS**  
Each Grappler has two sidewall designs so you can choose how your tires look. On the Mud Grappler, one side has lizard skin sidewall lugs and the other has plain sidewall lugs.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
15	33x13.50R15LT C	109Q	200650	21.0	33.07	13.94	8.5-(11.0)	2270	@	35	78.4
	35x14.50R15LT C	116Q	200580	21.0	34.80	14.57	10.0-(12.0)	2755	@	35	81.8
	38x15.50R15LT C	123P	200630	21.0	37.64	15.55	11.0-(12.0)-13.0	3415	@	35	108.4
16	LT305/70R16 E	124/121P	201040	19.7	33.07	12.01	8.0-(9.0)-9.5	3525	@	65	66.9
	LT315/75R16 E	127/124P	201050	20.7	34.96	12.87	8.0-(8.5)-11.0	3860	@	65	80.7
	LT385/70R16 D	130Q	201060	21.0	37.72	15.35	9.5-(11.0)-12.0	4190	@	50	101.1
17	33x12.50R17LT E	120Q	200760	21.0	32.95	12.68	8.5-(10.0)-11.0	3085	@	65	72.3
	35x12.50R17LT E	125P	200670	21.0	34.84	13.19	8.5-(10.0)-11.0	3640	@	65	79.1
	37x13.50R17LT E	131P	200600	21.0	37.05	14.57	8.5-(11.0)	4300	@	65	97.0
	40x13.50R17LT D	131Q	200770	21.0	39.72	14.57	8.5-(11.0)	4300	@	50	111.0
18	33x12.50R18LT E	118Q	200690	21.0	32.95	12.68	8.5-(10.0)-11.0	2910	@	65	73.8
	35x12.50R18LT E	123Q	200550	21.0	35.04	13.39	8.5-(10.0)-11.0	3415	@	65	80.6
	37x13.50R18LT D	124P	200660	21.0	37.05	14.17	8.5-(11.0)	3525	@	50	90.5
	38x15.50R18LT D	128Q	200500	21.0	37.72	16.30	11.0-(12.0)-13.0	3970	@	50	99.0
20	33x12.50R20LT E	114Q	200680	21.0	32.95	12.80	8.5-(10.0)-11.0	2600	@	65	71.0
	35x12.50R20LT E	121Q	200570	21.0	35.04	13.00	8.5-(10.0)-11.0	3195	@	65	77.4
	37x13.50R20LT E	127Q	200540	21.0	37.05	14.13	8.5-(11.0)	3860	@	65	87.7
	38x15.50R20LT D	125Q	200510	21.0	37.72	16.30	11.0-(12.0)-14.0	3640	@	50	100.7
	40x15.50R20LT D	130Q	200720	21.0	39.72	15.91	11.0-(12.0)-13.0	4190	@	50	108.2
22	37x13.50R22LT E	123Q	200530	21.0	37.05	14.13	8.5-(11.0)	3415	@	65	84.0
	40x15.50R22LT D	127Q	200520	21.0	39.72	16.30	11.0-(12.0)-14.0	3860	@	50	111.4

LT tires with a "C" load range have a 6-ply rating. LT tires with a "D" load range have an 8-ply rating. LT tires with an "E" load range have a 10-ply rating.



# Trail Grappler® M/T

PQ  
PERFORMANCE  
RATED

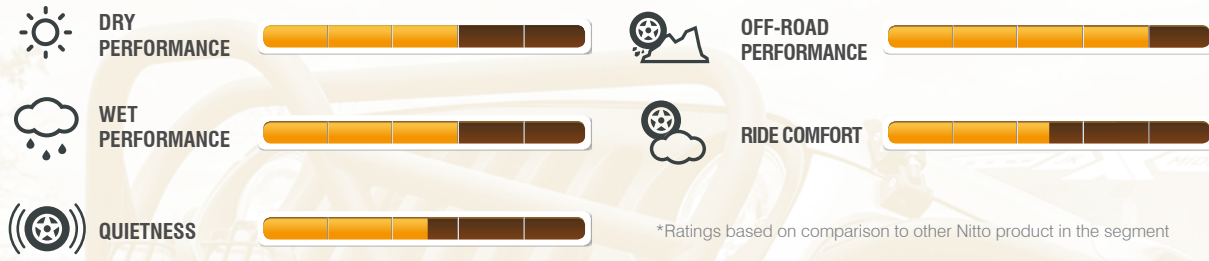
## MUD TERRAIN LIGHT TRUCK TIRE

The Trail Grappler® M/T blends some of the performance of the Mud Grappler® with the on-road comfort of the Terra Grappler® to create an off-road tire that is both aggressive and quiet. For off-road performance, the 3-ply sidewall and thick rubber construction increase puncture resistance. For on-road comfort, Nitto's engineers used advanced sound analysis equipment to systematically reduce noise levels commonly associated with off-road tires for a quieter drive.





## MUD TERRAIN LIGHT TRUCK TIRE



**REDUCED ROAD NOISE**  
Advanced sound analysis equipment was used to systematically reduce the noises normally heard when driving on off-road tires.

**MUD EVACUATION**  
The balanced void ratio efficiently removes mud and dirt from the tread to provide continuous off-road traction.

**DURABILITY**  
The 3-ply sidewall with a high turn-up construction acts as an extra layer of reinforcement to increase puncture resistance.



**DUAL SIDEWALL DESIGNS**  
Each Grappler has two sidewall designs so you can choose how your tires look. On the Trail Grappler one side has stylized lettering with V-shaped sidewall lugs and the other has traditional lettering with flat buttresses.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
15	33x12.50R15LT C	108Q	205850	21.0	33.03	12.99	8.5-(10.0)-11.0	2205	@	35	71.5
	LT265/75R16 E	123P	205440	18.9	31.89	10.51	7.0-(7.5)-8.0	3415	@	80	61.7
	LT285/70R16 E	125/122P	205770	18.9	31.89	11.50	7.5-(8.5)-9.5	3640/3305	@	80	62.9
16	LT285/75R16 E	126/123Q	205840	19.1	33.03	11.73	7.5-(8.0)-9.0	3750/3415	@	80	70.2
	LT315/75R16 E	127/124Q	205920	20.0	34.80	12.83	8.0-(8.5)-11.0	3860/3525	@	65	82.4
	LT255/75R17 C	111/108Q	205890	18.3	32.17	10.28	6.5-(7.0)-8.5	2405/2205	@	50	58.4
17	LT265/70R17 E	121Q	205860	18.9	31.97	11.02	7.0-(8.0)-8.5	3195	@	80	60.8
	LT285/70R17 C	116/113Q	205450	18.9	32.99	11.50	7.5-(8.5)-9.0	2755/2535	@	50	66.4
	LT285/70R17 E	121/118Q	205930	18.9	33.15	11.81	7.5-(8.5)-9.0	3195/2910	@	80	66.4
	LT285/75R17 E	121/118Q	205950	18.9	34.09	11.57	7.5-(8.0)-9.5	3195/2910	@	80	66.4
	LT295/70R17 E	121/118P	205710	19.4	33.54	11.97	7.5-(8.5)-10.0	3195/2910	@	80	69.8
	LT315/70R17 D	121/118Q	205940	20.0	34.61	13.27	8.0-(9.5)-11.0	3195/2910	@	50	76.8
	35x12.50R17LT E	121Q	205730	21.0	34.84	13.19	8.5-(10.0)-11.0	3195	@	65	79.9
18	37x12.50R17LT D	124Q	205880	21.0	36.85	13.43	8.5-(10.0)-11.0	3525	@	50	84.8
	40x13.50R17LT C	121P	205980	21.0	39.76	13.58	8.5-(11.0)	3195	@	35	103.7
	LT275/70R18 E	125/122Q	205870	19.1	33.62	11.10	7.0-(8.0)-8.5	3640/3305	@	80	65.7
	LT285/65R18 E	125/122Q	205740	18.9	32.83	11.93	8.0-(8.5)-10.0	3640/3305	@	80	67.3
	LT285/75R18 E	129Q	206840	18.9	35.08	11.26	7.5-(8.0)-9.5	4080	@	80	69.8
	LT295/70R18 E	129/126Q	205780	19.4	34.57	11.73	7.5-(8.5)-10.0	4080/3750	@	80	72.8
20	35x11.50R18LT E	127Q	205530	21.0	34.76	11.42	7.5-(9.0)-10.0	3860	@	80	72.2
	35x12.50R18LT E	123Q	205700	21.0	35.04	13.39	8.5-(10.0)-11.0	3415	@	65	81.0
	37x12.50R18LT E	128Q	206610	21.0	36.77	12.52	8.5-(10.0)-11.0	3970	@	65	85.6
	LT275/65R20 E	126Q	206600	19.1	34.33	10.98	7.5-(8.0)-9.5	3750	@	80	67.9
	LT285/55R20 E	122Q	206830	18.9	32.60	11.69	8.0-(9.0)-10.0	3305	@	80	63.2
	LT295/55R20 E	123/120Q	205750	19.4	32.91	12.52	8.0-(9.5)-10.0	3415/3085	@	80	70.0
	LT295/60R20 E	126/123Q	205910	19.4	34.45	12.13	8.0-(8.5)-10.0	3750/3415	@	80	76.3
	LT295/65R20 E	129/126Q	205790	19.4	35.47	12.13	8.0-(8.5)-10.0	4080/3750	@	80	75.3
	LT305/55R20 E	121/118Q	205760	19.4	33.39	12.60	8.5-(9.5)-11.0	3195/2910	@	65	72.1
	LT325/60R20 E	126/123Q	205570	20.2	35.59	13.03	9.0-(9.5)-12.0	3750/3415	@	65	83.0
	33x12.50R20LT E	114Q	205590	21.0	32.76	12.52	8.5-(10.0)-11.0	2600	@	65	70.7
	35x11.50R20LT E	124Q	205540	21.0	34.76	11.42	8.0-(9.0)-10.5	3525	@	80	70.4
	35x12.50R20LT E	121Q	205720	21.0	35.04	13.39	8.5-(10.0)-11.0	3195	@	65	78.4
	37x11.50R20LT E	128Q	205580	21.0	36.77	11.42	7.5-(9.0)-10.0	3970	@	80	77.0
37x12.50R20LT E	126Q	205800	21.0	36.77	12.99	8.5-(10.0)-11.0	3750	@	65	85.8	
37x13.50R20LT E	127Q	205420	21.0	36.77	13.58	8.5-(11.0)-11.0	3860	@	65	88.0	
38x13.50R20LT E	128Q	374000	21.0	37.76	13.58	9.5-(11.0)-12.0	3970	@	65	91.2	
38x15.0R20LT D	125Q	205430	21.0	37.76	15.35	11.0-(12.0)-14.0	3640	@	50	95.6	
40x15.50R20 D	128Q	206850	21.0	39.76	15.35	11.0-(12.0)-14.0	3970	@	50	106.3	
22	LT285/55R22 E	124Q	205900	18.9	34.53	12.05	8.0-(9.0)-10.0	3525	@	80	69.6
	LT325/50R22 E	122Q	205830	20.0	34.92	13.19	9.0-(10.0)-12.0	3305	@	65	75.3
	LT355/40R22 F	122Q	374020	18.9	33.43	14.41	12.0-(13.0)-14.0	3305	@	80	79.7
	LT375/45R22 F	128Q	374010	19.5	35.55	14.96	12.0-(13.0)-14.0	3970	@	80	89.4
	33x12.50R22LT E	109Q	205600	18.9	32.76	12.52	8.5-(10.0)-11.0	2270	@	65	66.0
	35x12.50R22LT E	117Q	205610	21.0	34.76	12.52	8.5-(10.0)-11.0	2835	@	65	75.1
	37x13.50R22LT E	123Q	205810	21.0	37.05	13.78	8.5-(11.0)	3415	@	65	83.6
24	38x13.50R22LT E	126Q	205550	21.0	37.76	13.58	9.5-(11.0)-12.0	3750	@	65	89.1
	40x15.50R22LT E	128Q	205560	21.0	39.76	15.35	11.0-(12.0)-14.0	3970	@	65	105.7
	LT375/40R24 F	126Q	374040	19.5	36.06	14.96	12.5-(13.0)-15.0	3750	@	80	90.0
	38x13.50R24LT E	123Q	205820	21.0	37.72	13.82	8.5-(11.0)	3415	@	65	90.9
	40x15.50R24LT E	128P	374050	21.0	39.76	15.35	11.0-(12.0)-14.0	3970	@	65	104.5

LT tires with a "C" load range have a 6-ply rating. LT tires with a "D" load range have an 8-ply rating. LT tires with an "E" load range have a 10-ply rating.





# RIDGE GRAPPLER®

PQ  
PERFORMANCE  
RATED

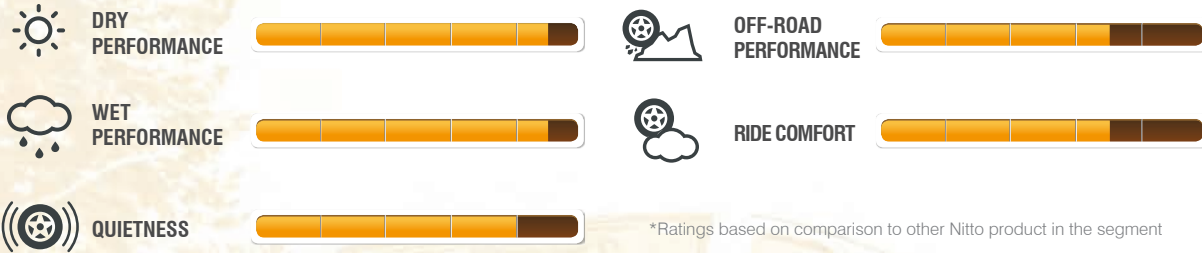
## HYBRID TERRAIN LIGHT TRUCK TIRE

The Ridge Grappler® represents the next generation of the Nitto Grappler family of products which provides the best of both worlds from our mud-terrain and all-terrain product offerings. Featuring a revolutionary dynamic hybrid tread pattern, the Ridge Grappler® provides a quiet and comfortable ride while the deep, aggressive sidewall lugs and tread pattern provide capable off-road performance.





## ALL TERRAIN LIGHT TRUCK TIRE



**VARIABLE PITCH TREAD PATTERN**  
Advanced sound equipment was used to create a pattern that provides a quiet and smooth highway ride.

**ALTERNATING GROOVES**  
Shoulder grooves are arranged in alternating widths and lengths to clear mud and maintain traction. Lateral Z grooves are set in a zig-zag pattern to provide biting edges for traction.

**STEP BLOCK EDGES**  
Additional biting edges for more traction.

**STAGGERED SHOULDER LUGS**  
Provides traction in off-road environments.

**STONE EJECTORS**  
Protects the bottom of groove from stone drilling.



**DUAL SIDEWALL DESIGNS**  
Like all Grapplers, the Ridge Grappler features two bold sidewall designs. One side features a more traditional pattern while the other side features a new, aggressive block design.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	LT265/70R17 E 121/118Q	121/118Q	217100	16.4	31.65	10.71	7.0-(8.0)-8.5	3195/2910	@	80	54.7
	LT285/70R17 C 116/113Q	116/113Q	217010	16.4	32.76	11.50	7.5-(8.5)-9.0	2755/2535	@	50	57.9
	LT285/70R17 E 121/118Q	121/118Q	217000	16.4	32.76	11.50	7.5-(8.5)-9.0	3195/2910	@	80	57.9
	LT285/75R17 C 117/114Q	117/114Q	217210	16.4	33.86	11.26	7.5-(8.0)-9.5	2835/2600	@	50	65.1
	LT285/75R17 E 121/118Q	121/118Q	217200	16.4	33.86	11.26	7.5-(8.0)-9.5	3195/2910	@	80	64.4
	LT295/70R17 E 121/118Q	121/118Q	217070	16.4	33.31	11.77	7.5-(8.5)-10.0	3195/2910	@	80	64.7
	LT305/70R17 E 121/118Q	121/118Q	217080	16.4	33.86	12.24	8.0-(9.0)-9.5	3195/2910	@	65	68.6
	33x12.50R17LT E 120Q	120Q	217180	18.3	32.76	12.52	8.5-(10.0)-11.0	3085	@	65	69.3
	35x12.50R17LT E 121Q	121Q	217020	18.3	34.76	12.52	8.5-(10.0)-11.0	3195	@	65	75.5
37x12.50R17LT D 124Q	124Q	217050	18.3	36.77	12.52	8.5-(10.0)-11.0	3525	@	50	81.5	
18	LT275/65R18 E 123/120Q	123/120Q	217090	16.4	32.09	10.98	7.5-(8.0)-9.0	3415/3085	@	80	56.4
	LT275/70R18 E 125/122Q	125/122Q	217160	16.4	33.19	10.98	7.0-(8.0)-8.5	3640/3305	@	80	58.5
	LT285/65R18 E 125/122Q	125/122Q	217110	16.4	32.56	11.50	8.0-(8.5)-10.0	3640/3305	@	80	58.3
	LT295/70R18 E 129/126Q	129/126Q	217120	16.4	34.29	11.77	7.5-(8.5)-10.0	4080/3750	@	80	69.4
	33x12.50R18LT F 122Q	122Q	217190	18.3	32.76	12.52	8.5-(10.0)-11.0	3305	@	80	69.7
	35x12.50R18LT F 128Q	128Q	217130	18.3	34.76	12.52	8.5-(10.0)-11.0	3970	@	80	74.1
20	37x12.50R18LT E 128Q	128Q	217260	18.3	36.77	12.52	8.5-(10.0)-11.0	3970	@	65	83.4
	LT275/65R20 E 126/123Q	126/123Q	217150	16.4	34.09	10.98	7.5-(8.0)-9.5	3750/3415	@	80	60.8
	LT295/55R20 E 123/120Q	123/120Q	217220	16.4	32.76	12.17	8.0-(9.5)-10.0	3415/3085	@	80	62.3
	LT295/60R20 E 126/123Q	126/123Q	217170	16.4	33.94	11.77	8.0-(8.5)-10.0	3750/3415	@	80	65.9
	LT295/65R20 E 129/126Q	129/126Q	217230	16.4	35.12	11.77	8.0-(8.5)-10.0	4080/3750	@	80	69.4
	LT305/55R20 F 125/122Q	125/122Q	217060	16.4	33.23	12.44	8.5-(9.5)-11.0	3640/3305	@	80	63.9
	33x12.50R20LT F 119Q	119Q	217140	18.3	32.76	12.52	8.5-(10.0)-11.0	3000	@	80	69.5
	35x11.50R20LT E 124Q	124Q	217290	18.3	34.76	11.42	8.0-(9.0)-10.5	3525	@	80	71.4
	35x12.50R20LT F 125Q	125Q	217040	18.3	34.76	12.52	8.5-(10.0)-11.0	3640	@	80	73.5
	35x13.50R20LT F 126Q	126Q	217240	18.3	34.76	13.58	9.5-(11.0)-12.0	3750	@	80	78.4
37x12.50R20LT E 126Q	126Q	217030	18.3	36.77	12.52	8.5-(10.0)-11.0	3750	@	65	81.1	
22	33x12.50R22LT F 114Q	114Q	217270	18.3	32.76	12.52	8.5-(10.0)-11.0	2600	@	80	62.8
	35x12.50R22LT F 121Q	121Q	217250	18.3	34.76	12.52	8.5-(10.0)-11.0	3195	@	80	70.3
	37x12.50R22LT F 127Q	127Q	217280	18.3	36.77	12.52	9.0-(10.0)-11.5	3860	@	80	75.9

LT tires with a "C" load range have a 6-ply rating. LT tires with a "D" load range have an 8-ply rating. LT tires with an "E" load range have a 10-ply rating. LT tires with an "F" load range have a 12-ply rating.



# EXO GRAPPLER™ AWT

Q  
PERFORMANCE  
RATED

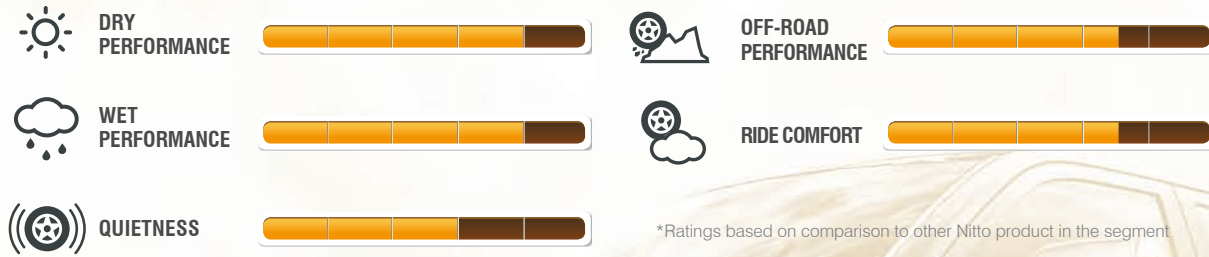
## ALL WEATHER TRACTION LIGHT TRUCK TIRE

The Exo Grappler™ AWT is built to meet the all-weather demands of off-road truck enthusiasts. Whether their journey takes them through off-road trails, gravel, or farmland, the Exo Grappler AWT is built for 4-seasons of 4-wheeling. Featuring an all-new chip resistant all-weather compound, 3-ply sidewall construction, and large, thick sidewall lugs, the Exo Grappler AWT provides armor for the elements.





### ALL WEATHER TRACTION LIGHT TRUCK TIRE



**WINTER PERFORMANCE**  
 Rated with the 3-peak mountain snowflake for winter driving conditions, the Exo Grappler's sipes and large lateral grooves provide biting edges as well as water and snow/slush evacuation. These tread features are combined with a new durable compound that allows for traction in freezing temperatures. For additional traction, TSMI #15 studs can be added for increased winter traction.

**SIDEWALL TECHNOLOGY**  
 The staggered shoulder blocks provide biting edges for off-road traction in loose dirt surfaces. The 3-ply sidewall with large sidewall lugs offer additional sidewall strength and puncture resistance.

**DURABLE COMPOUND**  
 A special mix of natural rubber, high strength polymers, and wear resistant materials aids cut and chip resistance on unpaved gravel roads.

**DUAL SIDEWALL DESIGNS**  
 Each Grappler has two sidewall designs so you can choose how your tires look. On the Exo Grappler one side has chisel-shaped sidewall lugs and the other has Y-shaped sidewall-lugs.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	LT235/80R17 E	120/117Q	206890	18.3	32.05	9.25	6.0-(6.5)-7.5	3085/2835	@	80	51.3
	LT245/75R17 E	121Q	206940	18.3	31.73	9.76	6.5-(7.0)-7.5	3195	@	80	53.3
	LT265/70R17 E	121/118Q	206870	18.4	31.89	10.71	7.0-(8.0)-8.5	3195/2910	@	80	60.8
	LT285/70R17 E	121/118Q	206860	18.4	32.99	11.50	7.5-(8.5)-9.0	3195/2910	@	80	61.5
	35x12.50R17LT E	121Q	206900	19.3	34.76	12.52	8.5-(10.0)-11.0	3195	@	65	74.5
	37x13.50R17LT E	121Q	201390	19.3	36.77	13.58	8.5-(11.0)	3195	@	65	81.9
18	LT265/65R18 E	122/119Q	206590	18.4	31.77	10.71	7.5-(8.0)-9.5	3305/3000	@	80	57.8
	LT275/65R18 E	123/120Q	206910	18.4	32.32	10.98	7.5-(8.0)-9.0	3415/3085	@	80	60.5
	LT275/70R18 E	125Q	206960	18.4	33.43	10.98	7.0-(8.0)-8.5	3640	@	80	60.5
	LT285/65R18 E	125/122Q	201300	18.4	32.80	11.50	8.0-(8.5)-10.0	3640/3305	@	80	61.4
	LT285/70R18 E	127/124Q	201310	18.4	33.98	11.50	7.5-(8.5)-9.5	3860/3525	@	80	64.3
	35x12.50R18LT E	123Q	206920	19.3	34.76	12.52	8.5-(10.0)-11.0	3415	@	65	71.3
20	LT275/55R20 E	120/117Q	201320	18.4	32.13	11.18	7.5-(8.5)-9.5	3085/2835	@	80	60.6
	LT275/60R20 E	123/120Q	206580	18.4	33.23	10.98	7.5-(8.0)-9.5	3415/3085	@	80	63.8
	LT275/65R20 E	126Q	206950	18.4	34.33	10.98	7.5-(8.0)-9.5	3750	@	80	65.1
	LT285/55R20 E	122/119Q	201290	18.4	32.60	11.69	8.0-(9.0)-10.0	3305/3000	@	80	64.8
	LT285/60R20 E	125/122Q	201340	18.4	33.70	11.50	8.0-(8.5)-10.0	3640/3305	@	80	64.7
	LT285/65R20 E	127/124Q	201330	18.4	34.80	11.50	8.0-(8.5)-10.0	3860/3525	@	80	68.5
	LT295/55R20 E	123/120Q	206570	18.4	32.99	12.17	8.0-(9.5)-10.0	3415/3085	@	80	69.2
	LT305/55R20 E	121Q	206930	18.4	33.46	12.44	8.5-(9.5)-11.0	3195	@	65	67.8
	LT325/60R20 E	126/123Q	206620	18.4	35.59	13.03	9.0-(9.5)-12.0	3750/3415	@	65	77.3
	35x11.50R20LT E	124Q	201400	19.3	34.76	11.42	8.0-(9.0)-10.5	3525	@	80	69.0
	35x12.50R20LT E	121Q	206880	19.3	34.76	12.52	8.5-(10.0)-11.0	3195	@	65	73.0
	37x13.50R20LT E	127Q	201410	19.3	36.77	13.58	8.5-(11.0)	3860	@	65	84.7

LT tires with an "E" load range have a 10-ply rating.





# TERRA GRAPPLER® G2

## ALL-TERRAIN LIGHT TRUCK TIRE

The Terra Grappler® G2 is Nitto's next generation all-terrain light truck tire specifically designed to meet your everyday on and off-road adventures. Whether you're commuting to work, towing a trailer or headed up to your favorite mountain trail; the balanced off-road and on-road performance of the Terra Grappler® G2 will get you to your destination.

**HQRST**  
PERFORMANCE  
RATED

**600**  
UTQG TREADWEAR

**A**  
TRACTION

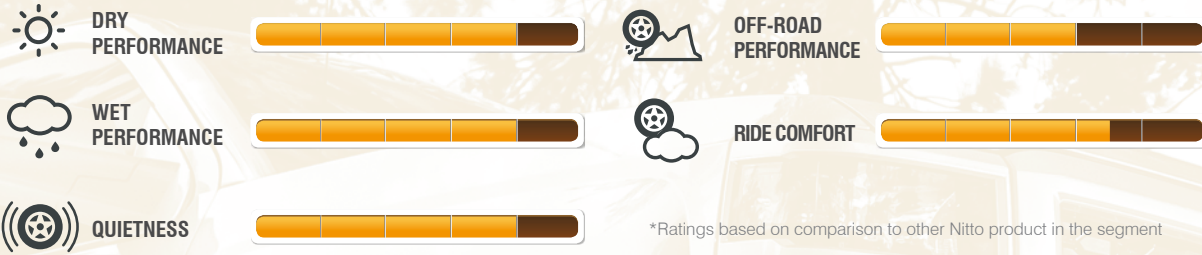
**B**  
TEMPERATURE





# TERRA GRAPPLER® G2

## ALL-TERRAIN LIGHT TRUCK TIRE



### COUPLING JOINTS

Tread block rigidity is important when it comes to even wear. Noticing this, Nitto decided to reinforce the coupling joints in the Terra Grappler G2, which connects the outer most tread blocks to the center blocks, to increase the block edge rigidity.

### FULL DEPTH SIPES

Terra Grappler G2 is equipped with full depth siping. Not only do the full depth sipes offer a benefit, it also helps maintain the appearance of the tread design as the tire wears.

### SHOULDER LUGS

The staggered shoulder lugs on the Terra Grappler G2 provides additional biting edges in off-road conditions. Further more, the new sidewall designs connects the sidewall lugs starting from the shoulder block down to the middle of the sidewall surface.

### DUAL SIDEWALL DESIGNS

Each Grappler has two sidewall designs so you can choose how your tires look. The Terra Grappler G2 features two distinct and bold sidewall designs. One side features homage to the original Terra Grappler design by incorporating a similar thunderbolt pattern which has been raised to give it a more aggressive look than its predecessor. The other side features a brand new aggressive "blade" design which features integrated sidewall lugs that run all the way from the shoulder tread block down to the sidewall.

## SIZES AND SPECIFICATIONS

## TERRA GRAPPLER® G2

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	LT235/80R17 E	120/117R	215300	16.5	31.81	9.25	6.0-(6.5)-7.5	3085/2835	@	80	45.3
	* 245/65R17	111T	215470	12.6	29.53	9.76	7.0-(8.5)	2403	@	50	34.4
	LT245/70R17 E	119/116R	215380	17.0	30.55	9.76	6.5-(7.0)-8.0	3000/2755	@	80	45.8
	LT245/75R17 E	121/118R	215320	17.0	31.50	9.76	6.5-(7.0)-7.5	3195/2910	@	80	46.2
	* 265/65R17	116T	215260	12.9	30.55	10.71	7.5-(8.0)-9.5	2756	@	50	37.9
	265/70R17	115T	215030	13.1	31.65	10.71	7.0-(8.0)-9.0	2679	@	44	40.2
	LT265/70R17 E	121/118S	215020	16.0	31.65	10.71	7.0-(8.0)-8.5	3195/2910	@	80	45.4
	285/70R17	116T	215240	13.4	32.76	11.50	7.5-(8.5)-9.5	2756	@	44	45.2
	LT285/70R17 E	121/118S	215150	16.3	32.76	11.50	7.5-(8.5)-9.0	3195/2910	@	80	51.8
	LT285/75R17 E	121/118R	215120	17.0	33.86	11.26	7.5-(8.0)-9.5	3195/2910	@	80	61.3
	LT295/70R17 E	121/118R	215160	16.5	33.31	11.77	7.5-(8.5)-10.0	3195/2910	@	80	64.8
	LT305/70R17 E	121/118R	215140	16.5	33.86	12.24	8.0-(9.0)-9.5	3195/2910	@	65	63.6
	LT315/70R17 E	121/118R	215420	16.5	34.41	12.72	8.0-(9.5)-11.0	3195/2910	@	65	71.0
	35x12.50R17LT E	121R	215070	17.4	34.53	12.52	8.5-(10.0)-11.0	3195	@	65	69.7
37x12.50R17LT D	124R	215400	17.5	36.54	12.52	8.5-(10.0)-11.0	3525	@	50	75.1	
18	* 255/55R18	109H	215500	12.7	29.02	10.43	7.0-(8.0)-9.0	2271	@	50	34.9
	* 265/60R18	114T	215540	12.9	30.51	10.71	7.5-(8.0)-9.5	2601	@	50	38.4
	265/70R18	116T	215510	13.1	32.64	10.71	7.0-(8.0)-9.0	2756	@	44	42.5
	* 265/65R18	116T	215520	12.9	31.54	10.71	7.5-(8.0)-9.5	2756	@	50	40.9
	LT265/65R18 E	122/119R	215460	16.0	31.54	10.71	7.5-(8.0)-9.5	3305/3000	@	80	48.8
	LT265/70R18 E	124/121R	215390	16.0	32.64	10.71	7.0-(8.0)-9.0	3525/3195	@	80	50.2
	* 275/65R18	116T	215040	13.0	32.09	10.98	7.5-(8.0)-9.5	2756	@	50	43.7
	LT275/65R18 E	123/120S	215210	16.0	32.09	10.98	7.5-(8.0)-9.5	3415/3085	@	80	49.8
	LT275/70R18 E	125/122S	215200	16.1	33.19	10.98	7.0-(8.0)-8.5	3640/3305	@	80	52.3
	* 285/60R18	120S	215050	13.6	31.46	11.50	8.0-(8.5)-10.0	3086	@	50	49.3
	LT285/60R18 E	122/119S	215310	15.6	31.46	11.50	8.0-(8.5)-10.0	3305/3000	@	80	53.0
	LT285/65R18 E	125/122R	215130	17.5	32.56	11.50	8.0-(8.5)-10.0	3640/3305	@	80	55.7
	LT285/75R18 E	129/126R	215440	17.0	34.84	11.26	7.5-(8.0)-9.5	4080/3750	@	80	64.4
	LT295/70R18 E	129/126Q	215090	16.6	34.29	11.77	7.5-(8.5)-10.0	4080/3750	@	80	63.6
	* 305/60R18	116S	215230	13.9	32.40	12.24	7.5-(9.0)-9.5	2756	@	50	54.2
	LT305/65R18 E	124/121R	215410	17.0	33.58	12.24	8.5-(9.0)-11.0	3525/3195	@	65	61.3
	LT325/60R18 E	124/121S	215100	16.8	33.35	13.03	9.0-(9.5)-12.0	3525/3195	@	65	65.2
	LT325/65R18 E	127R	215010	16.5	34.61	13.03	9.0-(9.5)-12.0	3860	@	65	70.7
35x12.50R18LT E	123R	215060	17.0	34.53	12.52	8.5-(10.0)-11.0	3415	@	65	68.2	
37x12.50R18LT E	128R	215350	17.5	36.54	12.52	8.5-(10.0)-11.0	3970	@	65	75.2	
20	* 265/50R20	111S	215280	13.4	30.47	10.91	7.5-(8.5)-9.5	2403	@	50	40.3
	LT265/60R20 E	121/118S	215430	15.6	32.52	10.71	7.5-(8.0)-9.5	3195/2910	@	80	53.5
	* 275/55R20	117T	215220	13.0	31.89	11.18	7.5-(8.5)-9.5	2833	@	50	43.3
	* 275/60R20	116S	215250	13.0	32.99	10.98	7.5-(8.0)-9.5	2756	@	50	43.3
	LT275/65R20 E	126/123S	215110	16.0	34.09	10.98	7.5-(8.0)-9.5	3750/3415	@	80	56.1
	* 285/50R20	116S	215480	13.6	31.26	11.69	8.0-(9.0)-10.0	2756	@	50	44.6
	LT285/55R20 E	122/119S	215180	16.0	32.36	11.69	8.0-(9.0)-10.0	3305/3000	@	80	55.9
	LT285/65R20 E	127/124S	215450	15.0	34.57	11.50	8.0-(8.5)-10.0	3860/3525	@	80	58.5
	LT295/60R20 E	126/123Q	215080	16.4	33.94	11.77	8.0-(8.5)-10.0	3750/3415	@	80	60.7
	LT295/65R20 E	129/126S	215550	17.0	35.12	11.77	8.0-(8.5)-10.0	4080/3750	@	80	61.3
	* 305/50R20	120S	215270	13.9	32.05	12.44	8.5-(9.5)-11.0	3086	@	50	48.7
	* 305/55R20	116S	215290	13.4	33.23	12.44	8.5-(9.5)-11.0	2756	@	50	50.5
	LT305/55R20 E	121/118S	215190	16.3	33.23	12.44	8.5-(9.5)-11.0	3195/2910	@	65	60.2
	LT325/60R20 E	126/123S	215170	17.0	35.35	13.03	9.0-(9.5)-12.0	3750/3415	@	65	71.0
	35x11.50R20LT E	124R	215570	16.8	34.53	11.42	8.0-(9.0)-10.5	3525	@	80	59.3
	35x12.50R20LT E	121R	215000	16.8	34.53	12.52	8.5-(10.0)-11.0	3195	@	65	64.0
37x12.50R20LT E	126R	215340	17.5	36.54	12.52	8.5-(10.0)-11.0	3750	@	65	72.5	
22	* 285/45R22	114H	215530	13.6	32.09	11.22	9.0-(9.5)-10.5	2601	@	50	45.4
	* 305/45R22	118S	215490	13.9	32.80	11.93	9.5-(10.0)-11.5	2910	@	50	47.4
	LT285/50R22 E	121/118R	215370	15.6	33.27	11.69	8.0-(9.0)-10.0	3195/2910	@	80	57.7
	LT285/55R22 E	124/121R	215360	15.6	34.37	11.69	8.0-(9.0)-10.0	3525/3195	@	80	60.9
	LT325/50R22 E	122S	215330	17.0	34.84	13.23	9.0-(10.0)-12.0	3305	@	65	67.6
	33x12.50R22LT E	109R	215590	15.6	32.52	12.52	8.5-(10.0)-11.0	2270	@	65	58.1
35x12.50R22LT E	117R	215580	15.6	34.53	12.52	8.5-(10.0)-11.0	2835	@	65	66.0	

LT tires with a "D" load range have an 8-ply rating. LT tires with an "E" load range have a 10-ply rating.

\* Indicates Extra Load (XL).



# TERRA GRAPPLER®

## ALL-TERRAIN LIGHT TRUCK TIRE

The Terra Grappler® all-terrain tire works year-round with a balance of wet and dry performance and on-road comfort and quietness. Designed for use on trucks and SUVs, the Terra Grappler® All Terrain provides balanced performance in all season conditions over various terrains.

**QRST**  
PERFORMANCE  
RATED

**500**  
UTQG TREADWEAR

**A**  
TRACTION

**B**  
TEMPERATURE











# Dune Grappler®

## DESERT TERRAIN LIGHT TRUCK RADIAL

The Dune Grappler® is engineered to provide both on-road comfort and off-road performance. The sidewall lugs and 3-ply\* polyester sidewall construction add protection to resist sidewall punctures. The tread blocks increase rigidity, help reduce irregular wear and minimize road noise.

\*In select sizes

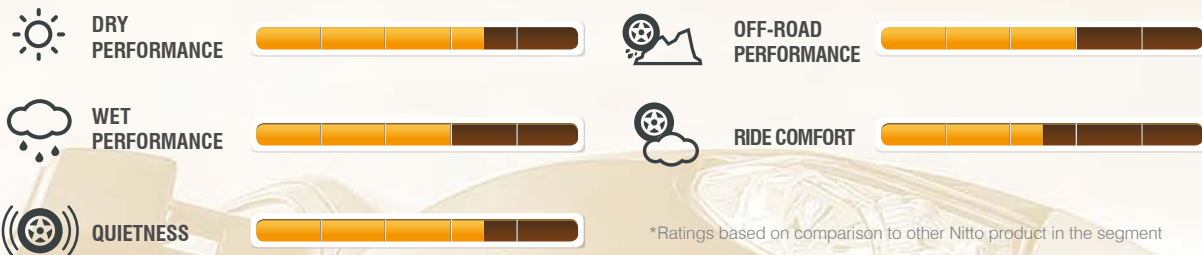
**RST**  
PERFORMANCE  
RATED  
**500**  
UTQG TREADWEAR  
**A**  
TRACTION  
**B**  
TEMPERATURE





# Dune Grappler®

## ALL-TERRAIN LIGHT TRUCK RADIAL



### LONGEVITY

Bridges were added between treadblocks to reduce tread flex, resulting in less heat build up to prolong the tire's performance.

### OFF-ROAD TRACTION

The intermediate void ratio between the tread blocks helps to provide off-road performance in loose dirt and sand.

### ON-ROAD MANNERS

The Dune Grappler®'s 3D grooving and tread blocks help reduce tread movement. This helps reduce irregular wear and minimize road noise.

### STRENGTH AND DURABILITY

Three-ply polyester sidewall construction\* and sidewall lugs aid in puncture resistance.

\*In select sizes



### DUAL SIDEWALL DESIGNS

Each Grappler has two sidewall designs so you can choose how your tires look. On the Dune Grappler one side has Old English lettering and the other has traditional lettering.

## SIZES AND SPECIFICATIONS

## Dune Grappler®

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	LT285/70R17 E	126R	202790	16.5	32.64	11.73	7.5-(8.5)-9.0	3750	@	80	59.5
	LT315/70R17 D	121T	202810	14.0	34.41	12.76	8.0-(9.5)-11.0	3195	@	50	65.6
18	LT285/65R18 E	125R	202820	16.5	32.52	11.69	8.0-(8.5)-10.0	3640	@	80	61.3
	LT325/65R18 D	121R	202850	16.5	34.92	13.15	9.0-(9.5)-12.0	3195	@	50	76.2
20	LT285/55R20 E	122R	202710	16.0	32.36	11.77	8.0-(9.0)-10.0	3305	@	80	60.0
	LT305/55R20 E	121R	202880	16.0	33.07	12.76	8.5-(9.5)-11.0	3195	@	65	68.2
	LT325/60R20 D	121R	202860	15.6	35.08	13.11	9.0-(9.5)-12.0	3195	@	50	77.0

LT tires with a "D" load range have an 8-ply rating.  
LT tires with an "E" load range have a 10-ply rating.

\* Indicates Extra Load (XL).





# DURA GRAPPLER®

## HIGHWAY TERRAIN LIGHT TRUCK TIRE

When you spend a lot of time behind the wheel, the quality and comfort of the drive matters. Nitto engineered the Dura Grappler® highway terrain tire for on-road comfort and longevity. The tire is suitable for a wide variety of light trucks, and SUVs and the tread patterns are tailored for each: SUV sizes are offered in a quiet 5-rib design while heavy-duty truck sizes are offered in a durable 4-rib design.

**QRSTH**  
PERFORMANCE  
RATED

**600**  
UTQG TREADWEAR

**A**  
TRACTION

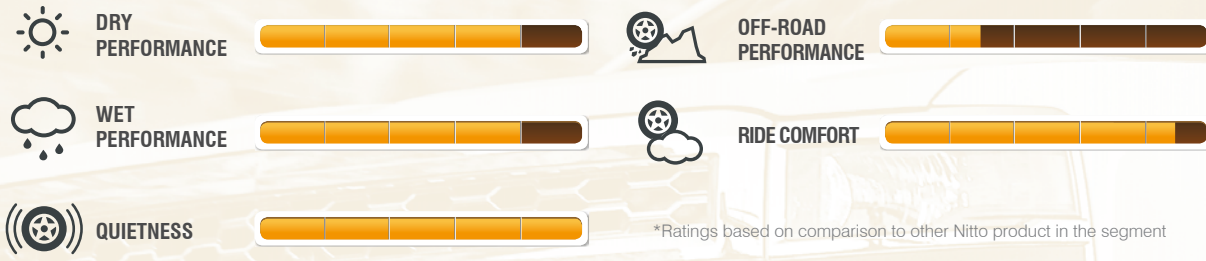
**B**  
TEMPERATURE





# DURA GRAPPLER®

## HIGHWAY TERRAIN LIGHT TRUCK TIRE



**ADVANCED SIPING TECHNOLOGIES**  
 3D Multiwave sipes increase traction in wet conditions while maintaining tread block rigidity.

**SPECIFIC PATTERNS**  
 The Dura Grappler is also offered in two separate tread patterns dedicated for LT-Metric sizes and P-Metric sizes. LT-Metric sizes are offered in a durable 4-rib design, while the P-Metric sizes have a quiet 5-rib design. Each P-Metric/Metric size is backed by a 60,000-mile limited treadwear warranty.



**DUAL SIDEWALL DESIGNS**  
 Each Grappler has two sidewall designs so you can choose how your tires look. On the Dura Grappler one side has a metal fin design and the other has a traditional design.

## SIZES AND SPECIFICATIONS

# DURA GRAPPLER®

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
16	LT235/85R16 E	120R	205140	15.6	31.69	9.57	6.0-(6.5)-7.5	3042	@	80	45.4
	LT245/75R16 E	120R	205090	15.6	30.47	9.96	6.5-(7.0)-8.0	3042	@	80	46.0
	LT285/75R16 E	126R	205110	16.9	32.87	11.50	7.5-(8.0)-9.0	3750	@	80	58.0
	LT305/70R16 E	124R	205040	16.9	32.79	12.56	8.0-(9.0)-9.5	3525	@	65	58.2
17	LT235/80R17 E	120R	205130	15.6	31.77	9.32	6.0-(6.5)-7.5	3085	@	80	45.2
	P245/65R17	105S	205270	12.6	29.45	9.76	(7.0)-8.5	2039	@	44	35.7
	LT245/70R17 E	119R	205050	15.7	30.59	9.69	6.5-(7.0)-8.0	3000	@	80	44.3
	265/65R17	112T	205170	12.9	30.51	10.71	7.5-(8.0)-9.5	2469	@	44	38.7
	P265/70R17	113S	205200	13.1	31.57	10.79	7.0-(8.0)-9.0	2535	@	44	42.6
	LT285/70R17 E	126R	205070	16.9	32.79	11.49	7.5-(8.5)-9.0	3750	@	80	55.3
18	LT285/75R17 E	128R	205370	16.9	33.86	11.61	7.5-(8.0)-9.5	3970	@	80	67.2
	* 255/70R18	117S	205350	13.0	32.17	10.08	6.5-(7.5)-8.5	2833	@	50	42.0
	265/60R18	110H	205160	12.9	30.60	10.70	7.5-(8.0)-9.5	2337	@	51	39.3
	LT275/70R18 E	125R	205080	16.0	33.23	11.00	7.0-(8.0)-8.5	3640	@	80	53.5
	LT305/70R18 E	126R	205380	17.3	35.28	12.80	8.5-(9.0)-10.0	3750	@	65	67.2
20	LT325/60R18 E	124R	205360	16.0	33.03	12.91	9.0-(9.5)-12.0	3525	@	65	69.1
	* 275/55R20	117H	205150	13.0	31.89	11.34	7.5-(8.5)-9.5	2833	@	50	44.1
	LT275/60R20 E	123R	205010	16.0	33.03	10.90	7.5-(8.0)-9.5	3415	@	80	56.5
	LT275/65R20 E	126R	205030	16.0	34.05	10.90	7.5-(8.0)-9.5	3750	@	80	60.8
22	LT305/55R20 E	121R	205340	16.0	33.11	12.56	8.5-(9.5)-11.0	3195	@	65	65.6
	LT285/50R22 E	121R	205000	16.0	33.27	11.50	8.0-(9.0)-10.0	3195	@	80	63.8

LT tires with an "E" load range have a 10-ply rating.

\*Indicates Extra Load (XL).



# NT420S

## ALL-SEASON TRUCK & SUV TIRE

The NT420S performance tire is designed for your truck or SUV. Available in many plus-sized wheel fitments, this tire is designed to complement both your factory original and aftermarket wheels. The tire features a non-directional, asymmetrical pattern that can be cross-rotated so it wears more evenly. This feature also helps provide a quieter, more comfortable ride and longer tread life. The result is a comfortable, ultra high performance tire that helps provide year-round performance.

**HVW**  
PERFORMANCE  
RATED

**460**  
UTOG TREADWEAR FOR H

**420**  
UTOG TREADWEAR  
FOR V AND W

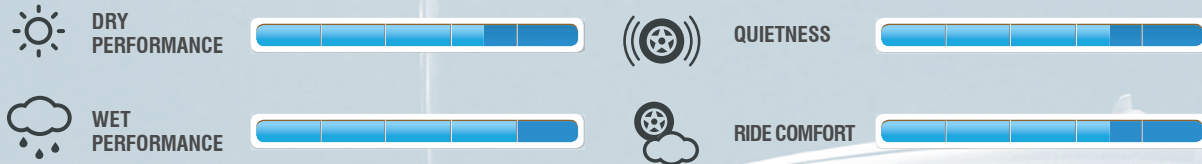
**A**  
TRACTION

**A**  
TEMPERATURE





## ALL-SEASON TRUCK & SUV TIRE



\*Ratings based on comparison to other Nitto product in the segment

### DRY PERFORMANCE

The large outer tread blocks on the 420S high-performance tire increase the amount of surface area in contact with the road. This improves dry cornering and handling.

### SIPING

Siping across the tread pattern provides additional biting edges to help maintain traction in wet weather conditions.

### TIRE STABILITY

Slanted three-dimensional tread blocks reduce flex for improved handling.

### FRONT



### EVEN WEAR

The asymmetrical, non-directional tread pattern allows for cross-rotation, which reduces irregular wear.

\*Consult your tire retailer on the appropriate rotation pattern for your vehicle.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	275/60R17	110V	202380	11.2	29.96	10.83	7.5-(8.0)-9.5	2337	@	44	37.92
	* 235/55R18	104V	202310	10.7	28.23	9.41	6.5-(7.5)-8.5	1984	@	50	31.31
18	* 255/50R18	106V	202250	11.0	28.00	10.30	7.0-(8.0)-9.0	2094	@	50	32.19
	* 255/55R18	109V	202050	11.0	28.94	10.12	7.0-(8.0)-9.0	2271	@	50	35.05
19	275/55R19	111V	202480	11.2	30.98	11.02	7.5-(8.5)-9.5	2403	@	44	37.92
	* 245/45R20	103V	202190	10.8	28.62	9.45	7.5-(8.0)-9.0	1929	@	50	31.97
20	* 255/40R20	101V	202290	10.3	28.00	10.08	8.5-(9.0)-10.0	1819	@	50	31.97
	* 255/45R20	105V	202110	11.0	29.13	9.88	8.0-(8.5)-9.5	2039	@	50	32.41
	* 255/50R20	109V	202220	11.0	30.00	10.16	7.0-(8.0)-9.0	2271	@	50	36.38
	* 265/50R20	111V	202060	11.1	30.47	10.91	7.5-(8.5)-9.5	2403	@	50	35.27
	* 275/55R20	117H	202200	13.2	31.97	11.02	7.5-(8.5)-9.5	2833	@	50	44.09
	* 285/40R20	108V	202150	10.7	28.94	11.38	9.5-(10.0)-11.0	2205	@	50	35.93
	* 285/50R20	116H	202160	13.4	31.30	11.42	8.0-(9.0)-10.0	2756	@	50	44.09
	* 305/50R20	120H	202020	13.6	32.05	12.44	8.5-(9.5)-11.0	3086	@	50	46.30
22	* 265/35R22	102V	202090	10.5	29.33	10.67	9.0-(9.5)-10.5	1874	@	50	33.07
	* 265/40R22	106V	202350	10.5	30.35	10.55	9.0-(9.5)-10.5	2094	@	50	38.80
	* 275/40R22	108V	202390	10.6	30.67	10.71	9.0-(9.5)-11.0	2208	@	50	39.90
	* 275/45R22	112H	202370	13.2	31.73	10.67	8.5-(9.0)-10.5	2469	@	50	45.19
	* 285/35R22	106W	202330	10.7	29.80	11.22	9.5-(10.0)-11.0	2094	@	50	36.60
	* 285/40R22	110V	202300	11.1	31.14	11.38	9.5-(10.0)-11.0	2337	@	50	38.58
	* 285/45R22	114H	202070	13.4	32.09	11.22	9.0-(9.5)-10.5	2601	@	50	44.09
	* 295/30R22	103V	202120	10.8	29.02	11.85	10.0-(10.5)-11.0	1929	@	50	36.82
	* 305/40R22	114H	202000	13.6	31.57	12.20	10.0-(11.0)-12.0	2601	@	50	50.26
* 305/45R22	118H	202010	13.6	32.60	11.85	9.5-(10.0)-11.5	2910	@	50	50.04	
23	* 305/40R23	115H	202080	13.6	32.60	12.32	10.0-(11.0)-12.0	2679	@	50	48.50
	* 285/30R24	103V	202320	10.7	30.87	11.02	9.5-(10.0)-10.5	1929	@	50	38.58
24	* 285/35R24	108V	202340	10.7	31.89	11.10	9.5-(10.0)-11.0	2205	@	50	39.02
	* 295/35R24	110H	202100	13.5	32.09	11.65	10.0-(10.5)-11.5	2337	@	50	47.18
	* 305/35R24	112H	202140	13.6	32.44	12.09	10.0-(11.0)-12.0	2469	@	50	45.19

\*Indicates Extra Load (XL).





# NT421Q<sup>®</sup>

## PREMIER ALL-SEASON CROSSOVER & SUV TIRE

Vehicles have evolved throughout the years (from sedans, to SUVs, and now the crossover utility vehicle), but have your tires done the same? The NT421Q<sup>®</sup> is Nitto's premier all-season tire built specifically for your crossovers (CUV) and SUVs. From style to function, the NT421Q<sup>®</sup> has been created with the foremost purpose of getting you safely to your destination throughout the seasons. The unique and stylish asymmetric tread design provides a quiet and comfortable ride while delivering all-season traction.

**HVW**  
PERFORMANCE  
RATED

**560**  
UTQG TREADWEAR FOR W

**640**  
UTQG TREADWEAR  
FOR H AND V

**A**  
TRACTION

**A**  
TEMPERATURE





# PREMIER ALL-SEASON CROSSOVER & SUV TIRE



\*Ratings based on comparison to other Nitto product in the segment

**ADDED SHOULDER INSERTS**  
 The circumferential rubber shoulder insert adds an additional layer of strength to help you navigate potholes and other adverse road conditions.

**SIPING**  
 Siping is one of the most important tire technologies for wet and snow traction. Nitto's revolutionary 3D multiwave and 3D Interlocking sipe design provide traction without sacrificing handling.

**MAINTENANCE INDICATORS**  
 Nitto's intelligent maintenance indicators are a service feature that visually show how your tires are wearing. They can also help alert you to wear issues before they become big problems.

**WINTER TRACTION**  
 The inside tread area of the tire was intended for wet and winter weather performance. The large, open grooves provide lateral water evacuation while the high sipe density increases the number of biting edges contacting the road.

## SIZES AND SPECIFICATIONS

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	* 225/60R17	103V	210610	12.0	27.64	8.98	6.0-(6.5)-8.0	1929	@	50	31.59
	* 225/65R17	106H	210640	12.1	28.50	8.98	6.0-(6.5)-8.0	2094	@	50	32.30
	* 235/60R17	106H	210620	12.1	28.11	9.45	6.5-(7.0)-8.5	2094	@	50	30.31
	* 235/65R17	108H	210650	12.2	29.06	9.45	6.5-(7.0)-8.5	2205	@	50	34.83
	* 245/65R17	111H	210660	12.3	29.53	9.76	(7.0)-8.5	2403	@	50	35.93
	* 255/60R17	110V	210630	12.3	29.06	10.24	7.0-(7.5)-9.0	2337	@	50	36.05
18	275/55R17	109V	210600	12.5	28.90	11.18	7.5-(8.5)-9.5	2271	@	51	38.14
	* 225/55R18	102V	210670	11.8	27.76	9.17	6.0-(7.0)-8.0	1874	@	50	31.08
	* 235/55R18	104V	210680	12.0	28.15	9.65	6.5-(7.5)-8.5	1984	@	50	31.53
	* 235/60R18	107W	210700	10.1	29.09	9.45	6.5-(7.0)-8.5	2149	@	50	32.74
	* 235/65R18	110H	210730	12.2	30.04	9.45	6.5-(7.0)-8.5	2337	@	50	35.27
	* 245/60R18	109H	210710	12.2	29.57	9.76	(7.0)-8.5	2271	@	50	35.38
	* 255/55R18	109V	210690	12.2	29.02	10.43	7.0-(8.0)-9.0	2271	@	50	35.49
	* 255/65R18	115H	210740	12.5	31.06	10.24	7.0-(7.5)-9.0	2679	@	50	39.90
19	* 265/60R18	114V	210720	12.5	30.51	10.71	7.5-(8.0)-9.5	2601	@	50	42.77
	265/65R18	114H	210750	12.6	31.54	10.71	7.5-(8.0)-9.5	2601	@	51	31.97
	* 225/55R19	103V	210950	11.8	28.78	9.17	6.0-(7.0)-8.0	1929	@	50	31.53
	* 235/50R19	103V	210760	11.8	28.31	9.65	6.5-(7.5)-8.5	1929	@	50	33.40
	* 235/55R19	105W	210790	10.1	29.17	9.65	6.5-(7.5)-8.5	2039	@	50	32.85
	* 245/55R19	107H	210800	12.1	29.65	9.96	7.0-(7.5)-8.5	2149	@	50	35.27
	* 255/50R19	107V	210770	12.1	29.09	10.43	7.0-(8.0)-9.0	2149	@	50	36.60
	* 255/55R19	111V	210810	12.2	30.04	10.43	7.0-(8.0)-9.0	2403	@	50	38.25
20	* 255/60R19	113H	210820	12.3	31.06	10.24	7.0-(7.5)-9.0	2535	@	50	38.71
	* 265/50R19	110V	210780	12.2	29.49	10.91	7.5-(8.5)-9.5	2337	@	50	37.48
	* 235/55R20	105W	210890	10.1	30.16	9.65	6.5-(7.5)-8.5	2039	@	50	36.27
	* 245/50R20	105V	210860	12.0	29.69	9.96	7.0-(7.5)-8.5	2039	@	50	36.71
	* 255/45R20	105W	210840	10.1	29.06	10.04	8.0-(8.5)-9.5	2039	@	50	34.17
	* 255/50R20	109V	210870	12.1	30.08	10.43	7.0-(8.0)-9.0	2271	@	50	36.60
	* 255/55R20	110H	210900	12.2	31.02	10.43	7.0-(8.0)-9.0	2337	@	50	42.02
	* 265/50R20	111V	210880	12.2	30.47	10.91	7.5-(8.5)-9.5	2403	@	50	39.79
	* 275/40R20	106W	210830	10.1	28.66	10.94	9.0-(9.5)-11.0	2094	@	50	35.27
	* 275/45R20	110W	210850	10.1	29.76	10.75	8.5-(9.0)-10.5	2337	@	50	37.37
22	* 275/50R20	113H	210590	12.2	30.87	11.18	7.5-(8.5)-9.5	2535	@	50	43.65
	* 275/55R20	117V	210910	12.5	31.89	11.18	7.5-(8.5)-9.5	2833	@	50	46.41
	275/60R20	115H	210920	12.6	32.99	10.98	7.5-(8.0)-9.5	2679	@	51	45.08
	* 285/45R22	114V	210930	12.3	32.09	11.22	9.0-(9.5)-10.5	2601	@	50	40.34

\*Indicates Extra Load (XL).





# Motivo®

## ALL-SEASON ULTRA HIGH PERFORMANCE TIRE

The Motivo® is an all-season ultra-high performance tire engineered to keep pace with your active lifestyle. Whether you're headed to the mountains for a ski weekend or a leisurely drive up the coast, the Nitto Motivo® navigates you safely, even through challenging road and weather conditions. Motivo® is a quiet, comfortable tire that performs in all season conditions.

**WY**  
PERFORMANCE  
RATED

**560**  
UTQG TREADWEAR

**A**  
TRACTION

**A**  
TEMPERATURE





## ALL-SEASON ULTRA HIGH PERFORMANCE TIRE



\*Ratings based on comparison to other Nitto product in the segment

### ADVANCED SIPING TECHNOLOGY

Sipes are thin slits in a treadblock that cut through water on the road surface to gain traction. Nitto's 3D Multiwave sipes feature an interlocking ripple design, which allows the sipes to "lock" together while braking to act like a continuous tread block and provides traction while accelerating.

### DRY PERFORMANCE

The exterior tread features larger size blocks which increase the amount of surface area contacting the road.

### WET PERFORMANCE

Four wide, deep circumferential grooves and streamlined, open lateral grooves improve water evacuation for increased wet handling and traction.

### ALIGNMENT INDICATORS

Nitto's alignment indicators are a service feature that visually show how your tires are wearing. They can also alert you to wear issues before they become big problems.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	* 205/50ZR17	93W	210000	10.3	25.16	8.46	5.5-(6.5)-7.5	1433	@	50	21.61
	* 215/45ZR17	91W	210030	10.3	24.61	8.54	(7.0)-8.0	1356	@	50	22.27
	* 215/50ZR17	95W	210010	10.3	25.47	9.02	6.0-(7.0)-7.5	1521	@	50	24.47
	* 215/55ZR17	98W	210150	10.3	26.26	8.98	6.0-(7.0)-7.5	1653	@	50	25.57
	* 225/45ZR17	94W	210130	10.3	24.92	9.02	7.0-(7.5)-8.5	1477	@	50	23.81
	* 225/50ZR17	98W	210020	10.3	25.87	9.33	6.0-(7.0)-8.0	1653	@	50	25.79
	* 225/55ZR17	101W	210160	10.3	26.61	9.21	6.0-(7.0)-8.0	1819	@	50	26.46
	* 235/45ZR17	97W	210040	10.3	25.35	9.45	7.5-(8.0)-9.0	1609	@	50	25.35
	* 235/55ZR17	103W	210170	10.3	27.17	9.88	6.5-(7.5)-8.5	1929	@	50	28.66
	* 245/40ZR17	95W	210100	10.3	24.76	9.88	8.0-(8.5)-9.5	1521	@	50	24.69
	* 245/45ZR17	99W	210050	10.3	25.67	9.80	7.5-(8.0)-9.0	1709	@	50	26.23
	245/50ZR17	99W	210140	10.3	27.09	10.35	7.0-(7.5)-8.5	1709	@	51	28.00
	* 255/40ZR17	98W	210110	10.3	25.04	10.35	8.5-(9.0)-10.0	1653	@	50	25.57
	275/40ZR17	98W	210120	10.3	25.67	11.06	9.0-(9.5)-11.0	1653	@	51	28.22
* 315/35ZR17	106W	210560	10.0	25.67	12.60	10.5-(11.0)-12.5	2094	@	50	32.19	
18	* 225/40ZR18	92W	210060	10.3	25.16	9.09	7.5-(8.0)-9.0	1389	@	50	22.49
	* 225/45ZR18	95Y	210070	10.0	25.98	8.98	7.0-(7.5)-8.5	1521	@	50	24.25
	* 225/50ZR18	99Y	210250	10.0	26.89	9.33	6.0-(7.0)-8.0	1709	@	50	26.90
	* 235/40ZR18	95W	210200	10.3	25.47	9.57	8.0-(8.5)-9.5	1521	@	50	24.03
	* 235/45ZR18	98W	210230	10.3	26.38	9.45	7.5-(8.0)-9.0	1653	@	50	26.46
	* 235/50ZR18	101W	210080	10.3	27.36	9.76	6.5-(7.5)-8.5	1819	@	50	27.78
	* 235/55ZR18	104W	210260	10.3	28.07	9.69	6.5-(7.5)-8.5	1984	@	50	29.54
	* 245/40ZR18	97Y	210210	10.0	25.67	9.80	8.0-(8.5)-9.5	1609	@	50	25.35
	* 245/45ZR18	100Y	210090	10.0	26.73	9.61	7.5-(8.0)-9.0	1764	@	50	27.56
	245/55ZR18	103W	210270	10.3	28.54	10.00	7.0-(7.5)-8.5	1929	@	51	30.20
	* 255/35ZR18	94W	210180	10.3	25.00	10.24	8.5-(9.0)-10.0	1477	@	50	25.35
	* 255/40ZR18	99W	210220	10.3	25.98	10.24	8.5-(9.0)-10.0	1709	@	50	26.68
	* 255/45ZR18	103W	210240	10.3	26.97	10.16	8.0-(8.5)-9.5	1929	@	50	29.98
	* 255/55ZR18	109W	210280	10.3	28.98	10.47	7.0-(8.0)-9.0	2271	@	50	33.51
* 275/35ZR18	99Y	210190	10.0	25.63	10.79	9.0-(9.5)-11.0	1709	@	50	26.90	
19	* 225/40ZR19	93Y	210330	10.0	26.10	9.06	7.5-(8.0)-9.0	1433	@	50	25.79
	* 225/45ZR19	96Y	210350	10.0	26.97	8.86	7.0-(7.5)-8.5	1565	@	50	26.46
	* 235/35ZR19	91W	210300	10.3	25.51	9.49	8.0-(8.5)-9.5	1356	@	50	24.47
	* 245/35ZR19	93W	210550	10.3	25.79	9.76	8.0-(8.5)-9.5	1433	@	50	26.23
	* 245/40ZR19	98Y	210340	10.0	26.77	9.80	8.0-(8.5)-9.5	1653	@	50	25.79
	* 245/45ZR19	102Y	209990	10.0	27.68	9.57	7.5-(8.0)-9.0	1874	@	50	29.98
	* 245/50ZR19	105W	210370	10.3	28.66	9.84	7.0-(7.5)-8.5	2039	@	50	30.64
	* 255/35ZR19	96Y	210310	10.0	26.02	10.24	8.5-(9.0)-10.0	1565	@	50	28.22
	* 255/45ZR19	104W	209980	10.3	28.07	10.04	8.0-(8.5)-9.5	1984	@	50	30.64
	* 255/50ZR19	107W	210380	10.3	29.02	10.47	7.0-(8.0)-9.0	2149	@	50	32.41
	* 255/55ZR19	111W	210390	10.3	29.96	10.47	7.0-(8.0)-9.0	2403	@	50	34.39
	* 275/30ZR19	96W	210290	10.3	25.51	10.71	9.0-(9.5)-10.0	1565	@	50	27.12
	* 275/35ZR19	100Y	210320	10.0	26.54	10.87	9.0-(9.5)-11.0	1764	@	50	28.44
	* 275/45ZR19	108Y	210360	10.0	28.78	10.75	8.5-(9.0)-10.5	2205	@	50	31.31
275/55ZR19	111W	210400	10.3	31.38	11.61	7.5-(8.5)-9.5	2403	@	51	35.93	
20	* 245/35ZR20	95W	210420	10.3	26.77	9.76	8.0-(8.5)-9.5	1521	@	50	26.68
	* 245/40ZR20	99Y	210460	10.0	28.03	10.16	8.0-(8.5)-9.5	1709	@	50	28.66
	* 245/45ZR20	103Y	210480	10.0	28.74	9.57	7.5-(8.0)-9.0	1929	@	50	30.64
	* 255/35ZR20	97W	210430	10.3	27.09	10.04	8.5-(9.0)-10.0	1609	@	50	27.56
	* 255/45ZR20	105Y	210490	10.0	29.29	10.08	8.0-(8.5)-9.5	2039	@	50	31.97
	* 275/30ZR20	97W	210410	10.3	26.50	10.83	9.0-(9.5)-10.0	1609	@	50	28.00
	* 275/35ZR20	102Y	210440	10.0	27.87	11.38	9.0-(9.5)-11.0	1874	@	50	31.97
	* 275/40ZR20	106Y	210470	10.0	28.78	10.83	9.0-(9.5)-11.0	2094	@	50	33.29
* 295/30ZR20	101W	209960	10.3	27.01	11.85	10.0-(10.5)-11.0	1819	@	50	32.85	
* 315/35ZR20	110Y	210450	10.0	28.54	12.52	10.5-(11.0)-12.5	2337	@	50	35.93	

\*Indicates Extra Load (XL).





# NT05™

## MAX PERFORMANCE TIRE

The NT05™ is a max performance tire engineered to complement the power of your vehicle. It was developed through extensive computer simulation modeling and on-track testing. The rigorous development process helped produce a street tire that provides precise and responsive handling and performance. Knowing the tire is responding to your inputs will inspire your confidence.

**W**  
PERFORMANCE  
RATED

**200**  
UTQG TREADWEAR

**AA**  
TRACTION

**A**  
TEMPERATURE





## MAX PERFORMANCE TIRE



\*Ratings based on comparison to other Nitto product in the segment

### DRY PERFORMANCE

The continuous center rib combined with large outer shoulder tread blocks provide consistent contact with the road for a high level of dry performance.

### PREDICTABLE CORNERING

The specifically formulated tread compound and reinforced internal construction were engineered to emphasize dry road response, traction, handling and high-speed capabilities.

### HANDLING STABILITY

The reinforced tread blocks and the large continuous center rib provide exceptional rigidity and stability.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
15	* 205/50ZR15	89W	207350	7.2	23.11	8.43	5.5-(6.5)-7.5	1279	@	50	20.06
	* 225/45R17	94W	207360	7.2	24.96	8.86	7.0-(7.5)-8.5	1477	@	50	23.15
17	235/40ZR17	90W	207120	7.2	24.45	9.57	8.0-(8.5)-9.5	1323	@	51	22.44
	* 235/45R17	97W	207330	7.2	25.35	9.29	7.5-(8.0)-9.0	1609	@	50	24.69
	* 255/40ZR17	98W	207130	7.2	25.08	10.12	8.5-(9.0)-10.0	1653	@	50	25.74
	275/40ZR17	98W	207010	7.2	25.59	10.79	9.0-(9.5)-11.0	1653	@	51	27.50
	315/35ZR17	102W	207000	7.2	25.55	12.40	10.5-(11.0)-12.5	1874	@	51	29.92
18	* 225/40R18	92W	207240	7.2	25.08	9.06	7.5-(8.0)-9.0	1389	@	50	23.37
	* 235/40R18	95W	207160	7.2	25.43	9.57	8.0-(8.5)-9.5	1521	@	50	24.20
	* 245/40R18	97W	207030	7.2	25.59	9.65	8.0-(8.5)-9.5	1609	@	50	24.86
	* 255/35ZR18	94W	207340	7.2	25.00	10.24	8.5-(9.0)-10.0	1477	@	50	25.35
	* 265/35R18	97W	207060	7.2	25.31	10.59	9.0-(9.5)-10.5	1609	@	50	26.84
	* 275/35ZR18	99W	207020	7.2	25.63	10.79	9.0-(9.5)-11.0	1709	@	50	27.94
	† 275/35ZR18	95W	207390	7.2	25.55	10.94	9.0-(9.5)-11.0	1521	@	51	28.22
	275/40ZR18	99W	207050	7.2	26.57	10.79	9.0-(9.5)-11.0	1709	@	51	28.38
	* 285/35ZR18	101W	207140	7.2	25.91	11.30	9.5-(10.0)-11.0	1819	@	50	28.60
	† 295/35ZR18	99W	207400	7.2	26.10	11.85	10.0-(10.5)-11.5	1709	@	51	29.98
	295/35ZR18	99W	207150	7.2	26.18	11.61	10.0-(10.5)-11.5	1709	@	51	29.70
	† 295/40ZR18	103W	207410	7.2	27.28	11.85	10.0-(10.5)-11.5	1929	@	51	31.75
19	* 295/45ZR18	112W	207170	7.2	28.46	11.46	9.5-(10.0)-11.0	2469	@	50	33.22
	* 235/35ZR19	91W	207080	7.2	25.43	9.53	8.0-(8.5)-9.5	1356	@	50	23.76
	* 245/35R19	93W	207090	7.2	25.79	9.69	8.0-(8.5)-9.5	1433	@	50	25.30
	* 245/40ZR19	98W	207200	7.2	26.73	9.65	8.0-(8.5)-9.5	1653	@	50	27.28
	* 255/40ZR19	100W	207370	7.2	27.05	10.24	8.5-(9.0)-10.0	1764	@	50	28.88
	* 275/30R19	96W	207070	7.2	25.51	10.71	9.0-(9.5)-10.0	1565	@	50	26.84
	* 275/35ZR19	100W	207100	7.2	26.65	10.79	9.0-(9.5)-11.0	1764	@	50	28.60
	* 305/35ZR19	102W	207380	7.2	27.44	12.32	10.0-(11.0)-12.0	1874	@	51	33.95
20	335/30ZR19	103W	207180	7.2	26.89	13.31	11.5-(12.0)-12.5	1929	@	51	33.66
	* 255/35ZR20	97W	207210	7.2	26.97	10.08	8.5-(9.0)-10.0	1609	@	50	27.94
	255/45ZR20	101W	207230	7.2	29.06	10.08	8.0-(8.5)-9.5	1819	@	51	31.46
	* 275/35ZR20	102W	207220	7.2	27.56	10.75	9.0-(9.5)-11.0	1874	@	50	30.58
	* 275/40R20	106W	207040	7.2	28.62	10.79	9.0-(9.5)-11.0	2094	@	50	31.46
	* 305/30ZR20	103W	207320	7.2	27.24	12.32	10.5-(11.0)-11.5	1929	@	50	33.29
* 315/35ZR20	110W	207110	7.2	28.62	12.40	10.5-(11.0)-12.5	2337	@	50	35.86	

\*Indicates Extra Load (XL). † Indicates U.T.Q.G.rating 140AA A





# INVO®

## LUXURY SPORT ULTRA HIGH PERFORMANCE TIRE

The Invo® is an ultra high performance street tire that provides a blend of performance, ride comfort and quality. The Invo tire line-up was specifically developed for staggered sized applications commonly found on luxury and high-performance vehicles. State-of-the-art computer engineering and specialized digital testing equipment were used to produce a tire that reduces perceived road noise, and provides a comfortable ride, so you can hear what really matters — conversations, music, or the exhaust note of your car.

**WY**  
PERFORMANCE  
RATED

**260**  
UTQG TREADWEAR FOR W

**220**  
UTQG TREADWEAR  
FOR Y

**AA**  
TRACTION

**A**  
TEMPERATURE





### LUXURY SPORT ULTRA HIGH PERFORMANCE TIRE



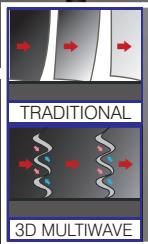
\*Ratings based on comparison to other Nitto product in the segment

#### DRY PERFORMANCE

The outer shoulder is made of large reinforced tread blocks, which increase the amount of surface area contacting the road. This assists with dry performance and cornering.

#### HANDLING CAPABILITY

The solid inner rib provides continuous contact with the road to increase the tire's rigidity and stability. This rigid design helps keep you connected to the road during hard braking and acceleration.



#### WET PERFORMANCE

The large twin circumferential grooves quickly channel water away from the tire so you maintain better road traction in wet weather. 3D Multiwave sipes were implemented to provide greater wet traction while solidifying the block to help reduce uneven wear.

#### ADVANCED NOISE REDUCTION

Tire noise is amplified when vibrations of the same frequency are repeated, magnifying their intensity. Nitto broke up these repetitive noises through calculated variations in the size and position of repeating tread blocks, creating offset frequencies that reduce tire noise.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	225/45R17	91W	202900	10.0	24.96	8.98	7.0-(7.5)-8.5	1356	@	51	23.81
	235/45ZR17	94W	203620	10.0	25.51	9.33	7.5-(8.0)-9.0	1477	@	51	24.42
	* 245/40ZR17	95Y	203830	10.3	24.72	9.69	8.0-(8.5)-9.5	1521	@	50	24.86
	245/45ZR17	95W	203630	10.0	25.79	9.61	7.5-(8.0)-9.0	1521	@	51	25.52
	P255/50ZR17	100W	203310	10.0	27.05	10.31	7.0-(8.0)-9.0	1764	@	51	29.10
18	* 225/40R18	92W	202940	10.0	25.08	8.98	7.5-(8.0)-9.0	1389	@	50	22.71
	225/45R18	91W	203280	10.0	25.98	8.94	7.0-(7.5)-8.5	1356	@	51	25.57
	235/40R18	91W	202950	10.0	25.39	9.49	8.0-(8.5)-9.5	1356	@	51	24.69
	* 245/40ZR18	97W	203810	10.3	25.91	9.65	8.0-(8.5)-9.5	1609	@	50	26.01
	245/45R18	96W	203340	10.0	26.69	9.65	7.5-(8.0)-9.0	1565	@	51	27.34
	* 245/50ZR18	104W	203450	10.0	27.80	9.72	7.0-(7.5)-8.5	1984	@	50	29.04
	* 255/35R18	94W	203320	10.0	24.96	9.96	8.5-(9.0)-10.0	1477	@	50	24.91
	* 255/40ZR18	99Y	204500	10.3	26.06	10.20	8.5-(9.0)-10.0	1709	@	50	27.34
	255/45R18	99W	203290	9.9	27.05	10.04	8.0-(8.5)-9.5	1709	@	51	28.22
	* 265/35R18	97W	203610	10.0	25.28	10.39	9.0-(9.5)-10.5	1609	@	50	25.96
	* 275/35ZR18	99W	203260	10.0	25.55	10.71	9.0-(9.5)-11.0	1709	@	50	27.56
	275/40ZR18	99W	203170	10.0	26.65	10.94	9.0-(9.5)-11.0	1709	@	51	30.20
	295/35ZR18	99W	203330	10.0	26.02	11.54	10.0-(10.5)-11.5	1709	@	51	30.86
19	225/35R19	88Y	203720	10.3	25.35	8.82	7.5-(8.0)-9.0	1235	@	50	21.83
	* 225/40ZR19	93Y	203550	10.0	26.18	8.90	7.5-(8.0)-9.0	1433	@	50	22.88
	* 225/45ZR19	96W	203560	10.0	26.97	8.94	7.0-(7.5)-8.5	1565	@	50	25.08
	* 235/35ZR19	91W	203120	10.0	25.51	9.37	8.0-(8.5)-9.5	1356	@	50	24.69
	* 235/35ZR19	91Y	203460	10.0	25.47	9.49	8.0-(8.5)-9.5	1356	@	50	23.32
	* 245/35ZR19	93W	203160	10.0	25.79	9.57	8.0-(8.5)-9.5	1433	@	50	25.13
	* 245/35ZR19	93Y	203540	10.0	25.79	9.76	8.0-(8.5)-9.5	1433	@	50	25.08
	* 245/40ZR19	98W	203210	10.0	26.73	9.84	8.0-(8.5)-9.5	1653	@	50	28.00
	* 255/30R19	91Y	203730	10.3	25.12	9.96	8.5-(9.0)-9.5	1356	@	50	24.47
	* 255/35ZR19	96Y	202910	10.0	26.10	10.00	8.5-(9.0)-10.0	1565	@	50	27.12
	* 255/40ZR19	100Y	203590	9.1	27.05	10.24	8.5-(9.0)-10.0	1764	@	50	28.60
	* 265/30ZR19	93W	203650	10.0	25.31	10.39	9.0-(9.5)-10.0	1433	@	50	24.42
	* 275/30ZR19	96Y	203510	10.0	25.59	10.63	9.0-(9.5)-10.0	1565	@	50	25.96
	* 275/35ZR19	100W	203580	10.0	26.57	10.83	9.0-(9.5)-11.0	1764	@	50	27.94
	* 285/30ZR19	98W	203220	10.0	25.79	11.34	9.5-(10.0)-10.5	1653	@	50	28.22
	285/35ZR19	99W	203270	10.0	26.73	11.30	9.5-(10.0)-11.0	1709	@	51	29.98
	* 305/30ZR19	102Y	202970	10.0	26.22	12.36	10.5-(11.0)-11.5	1874	@	50	31.75
	* 315/25ZR19	98Y	203500	10.0	25.28	12.48	11.0-(11.5)-12.0	1653	@	50	29.48
	* 325/30ZR19	105Y	203660	10.0	26.77	12.91	11.0-(11.5)-12.0	2039	@	50	34.17
	345/30ZR19	105Y	203300	10.0	27.17	13.35	11.5-(12.0)-12.5	2039	@	51	36.16
20	* 235/30ZR20	88Y	203480	10.0	25.71	9.25	(8.5)	1235	@	50	21.56
	* 245/30ZR20	90W	203360	10.0	25.83	9.53	8.0-(8.5)-9.0	1323	@	50	25.35
	* 245/35R20	95W	202920	10.0	26.77	9.53	8.0-(8.5)-9.5	1521	@	50	26.23
	* 245/40ZR20	99W	203490	10.0	27.76	9.65	8.0-(8.5)-9.5	1709	@	50	28.60
	245/45ZR20	99W	203140	10.0	28.66	9.65	7.5-(8.0)-9.0	1709	@	51	31.31
	* 255/30ZR20	92Y	203250	10.0	26.14	10.00	8.5-(9.0)-9.5	1389	@	50	24.25
	* 255/35ZR20	97W	202930	10.0	27.01	9.92	8.5-(9.0)-10.0	1609	@	50	27.34
	255/45ZR20	101W	202990	10.0	29.02	10.12	8.0-(8.5)-9.5	1819	@	51	31.97
	* 275/25ZR20	91Y	203670	10.0	25.39	10.83	(10.0)	1356	@	50	26.01
	* 275/30ZR20	97W	203570	10.0	26.50	10.63	9.0-(9.5)-10.0	1609	@	50	26.40
	* 275/35ZR20	102W	203420	10.0	27.60	10.67	9.0-(9.5)-11.0	1874	@	50	31.08
	* 275/40R20	106W	203180	10.0	28.62	10.94	9.0-(9.5)-11.0	2094	@	50	33.51
	* 285/25ZR20	93Y	203850	9.1	25.59	11.61	10.5	1433	@	50	26.90
	* 285/30ZR20	99W	203130	10.0	26.73	11.34	9.5-(10.0)-10.5	1709	@	50	29.32
	* 295/25ZR20	95W	203470	10.0	25.79	11.50	10.0-(10.5)-11.0	1521	@	50	27.06
	295/35ZR20	101W	203400	10.0	28.11	11.69	10.0-(10.5)-11.5	1819	@	51	35.70
	* 305/25ZR20	97Y	203230	10.0	25.94	12.05	10.5-(11.0)-11.5	1609	@	50	29.54
	315/35ZR20	106W	203600	10.0	28.62	12.40	10.5-(11.0)-12.5	2094	@	51	36.74
	345/25ZR20	100Y	203370	10.0	26.65	13.66	12.0-(12.5)-13.0	1764	@	51	33.73
	21	* 245/35ZR21	96W	203520	10.0	27.72	9.61	8.0-(8.5)-9.5	1565	@	50
* 245/30ZR22		92W	203410	10.0	27.83	9.61	8.0-(8.5)-9.0	1389	@	50	26.01
* 255/30ZR22		95W	203380	10.0	28.03	10.08	8.5-(9.0)-9.5	1521	@	50	29.32
* 255/35ZR22		99W	202960	10.0	29.06	9.92	8.5-(9.0)-10.0	1709	@	50	29.32
* 265/30ZR22		97W	203150	10.0	28.39	10.55	9.0-(9.5)-10.0	1609	@	50	30.42
22	* 275/30ZR22	99W	203430	10.0	28.58	10.67	9.0-(9.5)-10.0	1709	@	50	30.36
	* 285/30ZR22	101W	203440	10.0	28.82	11.22	9.5-(10.0)-10.5	1819	@	50	31.68
	* 295/25ZR22	97W	203240	10.0	27.83	11.57	10.0-(10.5)-11.0	1609	@	50	30.64
24	* 275/25ZR24	96W	203390	10.0	29.45	10.63	(10.0)	1565	@	50	31.53

\*Indicates Extra Load (XL).





# NT555™ G2

## SUMMER ULTRA HIGH PERFORMANCE TIRE

The NT555™ G2 is the next generation ultra high performance summer tire designed with the performance driver in mind. With increased\* traction, handling and wet-braking capabilities, the NT555™ G2 will get you off the line quickly, provide stability in the straights and confidence in the corners.

\*In comparison to Nitto NT555

320  
UTQG TREADWEAR

AA  
TRACTION

A  
TEMPERATURE





## SUMMER ULTRA HIGH PERFORMANCE TIRE



\*Ratings based on comparison to other Nitto product in the segment

### LARGER BLOCKS FOR 275MM SECTION WIDTH AND GREATER

Enhanced\* traction for rear tires of vehicles with staggered fitments and high horsepower. Tire sizes with 275mm and greater section width have larger tread blocks in comparison to tires with 265mm and narrower section width.

### TWIN CENTER RIBS

Increased\* dry traction & straight-line stability.

### LARGE TAPERED BLOCK

Increased\* grip capabilities & better cornering stability.

### 4-CIRCUMFERENTIAL GROOVES

Center grooves and shoulder grooves aid water evacuation and wet handling.

### REINFORCED SHOULDER TREADBLOCKS

Improves\* dry and wet cornering grip.

### HIGH STIFFNESS AND HIGH SILICA COMPOUND

A special bonding agent increase the interaction between all the compound elements to reinforce bonds for higher compound rigidity during cornering, resulting in better handling capabilities in both wet and dry.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	* 225/45ZR17	94W	211240	11.0	24.96	8.86	7.0-(7.5)-8.5	1477	@	50	24.25
	* 245/45ZR17	99W	211030	11.0	25.67	9.57	7.5-(8.0)-9.0	1709	@	50	26.68
	* 255/45ZR17	102W	211360	10.2	26.06	10.04	8.0-(8.5)-9.5	1874	@	50	28.44
	255/50ZR17	101W	211230	11.0	27.09	10.43	7.0-(8.0)-9.0	1819	@	51	30.64
	* 275/40ZR17	102W	211320	11.0	25.67	10.94	9.0-(9.5)-11.0	1874	@	50	28.22
	* 315/35ZR17	106W	211340	11.0	25.67	12.60	10.5-(11.0)-12.5	2094	@	50	33.73
18	* 225/40ZR18	92W	211180	11.0	25.08	9.06	7.5-(8.0)-9.0	1389	@	50	22.49
	* 235/50ZR18	101W	211120	11.0	27.28	9.65	6.5-(7.5)-8.5	1819	@	50	28.88
	* 245/40ZR18	97W	211150	11.0	25.71	9.76	8.0-(8.5)-9.5	1609	@	50	26.46
	* 245/45ZR18	100W	211130	11.0	26.65	9.57	7.5-(8.0)-9.0	1764	@	50	27.56
	* 255/35ZR18	94W	211280	11.0	25.00	10.24	8.5-(9.0)-10.0	1477	@	50	27.12
	* 255/45ZR18	103W	211040	11.0	27.05	10.04	8.0-(8.5)-9.5	1929	@	50	27.56
	* 275/35ZR18	99W	211160	11.0	25.55	10.94	9.0-(9.5)-11.0	1709	@	50	27.78
	* 275/40ZR18	103W	211050	11.0	26.65	10.94	9.0-(9.5)-11.0	1929	@	50	30.20
	* 285/40ZR18	105W	211330	11.0	26.97	11.42	9.5-(10.0)-11.0	2039	@	50	31.97
	295/40ZR18	103W	211260	11.0	27.28	11.85	10.0-(10.5)-11.5	1929	@	51	33.95
19	* 245/45ZR19	102W	211170	11.0	27.68	9.57	7.5-(8.0)-9.0	1874	@	50	28.88
	* 255/40ZR19	100W	211080	11.0	27.05	10.24	8.5-(9.0)-10.0	1764	@	50	30.20
	* 265/40ZR19	102W	211250	11.0	27.36	10.67	9.0-(9.5)-10.5	1874	@	50	31.53
	* 275/40ZR19	105W	211090	11.0	27.68	10.94	9.0-(9.5)-11.0	2039	@	50	31.53
	* 285/35ZR19	103W	211190	11.0	26.89	11.42	9.5-(10.0)-11.0	1929	@	50	32.19
	* 305/35ZR19	106W	211300	11.0	27.44	12.32	10.0-(11.0)-12.0	2094	@	50	34.39
20	* 245/35ZR20	95W	211060	11.0	26.77	9.76	8.0-(8.5)-9.5	1521	@	50	27.12
	* 245/45ZR20	103W	211070	11.0	28.66	9.57	7.5-(8.0)-9.0	1929	@	50	30.20
	* 255/35ZR20	97W	211010	11.0	27.01	10.24	8.5-(9.0)-10.0	1609	@	50	28.44
	* 255/45ZR20	105W	211140	11.0	29.06	10.04	8.0-(8.5)-9.5	2039	@	50	33.73
	* 265/35ZR20	99W	211110	11.0	27.32	10.67	9.0-(9.5)-10.5	1709	@	50	30.20
	* 275/30ZR20	97W	211310	11.0	26.54	10.94	9.0-(9.5)-10.0	1609	@	50	28.88
	* 275/35ZR20	102W	211020	11.0	27.56	10.94	9.0-(9.5)-11.0	1874	@	50	31.08
	* 275/40ZR20	106W	211100	11.0	28.66	10.94	9.0-(9.5)-11.0	2094	@	50	32.85
	* 285/30ZR20	99W	211210	11.0	26.77	11.42	9.5-(10.0)-10.5	1709	@	50	29.76
	* 295/35ZR20	105W	211290	11.0	28.11	11.85	10.0-(10.5)-11.5	2039	@	50	36.16
	* 295/40ZR20	110W	211270	11.0	29.29	11.85	10.0-(10.5)-11.5	2337	@	50	36.16
	* 305/30ZR20	103W	211220	11.0	27.24	12.32	10.5-(11.0)-11.5	1929	@	50	31.97
* 315/35ZR20	110W	211200	11.0	28.66	12.60	10.5-(11.0)-12.5	2337	@	50	35.93	

\*Indicates Extra Load (XL).

Additional Sizes Available in 2016





# NT555

## SUMMER ULTRA HIGH PERFORMANCE TIRE

The NT555 is an ultra high performance summer tire designed with the performance driver in mind. With increased traction and handling capabilities, the NT555 will get you off the line quickly, provide stability in the straights and confidence in the corners. Enjoy performance and prolonged treadlife.

**W**  
PERFORMANCE  
RATED

**300**  
UTQG TREADWEAR

**A**  
TRACTION

**A**  
TEMPERATURE





# NT555

## SUMMER ULTRA HIGH PERFORMANCE TIRE



\*Ratings based on comparison to other Nitto product in the segment

### LARGE CONTACT PATCH

The large contact patch adds more rubber contacting the road surface to provide improved dry performance while cornering, braking and accelerating.

### TREAD COMPOUND

The advanced tread compound balances dry traction and treadlife.

## SIZES AND SPECIFICATIONS



Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
17	235/45ZR17	93W	182200	10.2	25.28	9.33	7.5-(8.0)-9.0	1433	@	44	27.30
	245/45ZR17	95W	182910	10.6	25.67	9.57	7.5-(8.0)-9.0	1521	@	44	26.46
	255/40ZR17	94W	182350	10.3	25.08	10.16	8.5-(9.0)-10.0	1477	@	44	28.40
	P255/45ZR17	92W	182240	10.2	25.94	10.08	8.0-(8.5)-9.5	1389	@	44	29.10
	255/50ZR17	101W	182830	10.3	27.09	10.43	7.0-(8.0)-9.0	1819	@	44	28.22
	P275/40ZR17	98W	182370	10.6	25.55	11.02	9.0-(9.5)-11.0	1653	@	44	29.76
18	P285/40ZR17	95W	182380	10.1	25.94	11.38	9.5-(10.0)-11.0	1521	@	44	31.50
	* 225/40ZR18	92W	152430	10.1	25.20	9.17	7.5-(8.0)-9.0	1389	@	50	22.71
	* 225/45R18	95W	182410	10.0	25.94	8.82	7.0-(7.5)-8.5	1521	@	50	23.81
	235/40R18	91W	182430	10.2	25.28	9.45	8.0-(8.5)-9.5	1356	@	44	26.20
	* 235/50ZR18	101W	182860	10.1	27.24	9.45	6.5-(7.5)-8.5	1819	@	50	28.00
	245/40ZR18	93W	182440	10.2	25.67	9.72	8.0-(8.5)-9.5	1433	@	44	27.80
	* 245/45ZR18	100W	182710	10.2	26.57	9.65	7.5-(8.0)-9.0	1764	@	50	27.34
	255/35ZR18	90W	182520	10.3	25.08	10.08	8.5-(9.0)-10.0	1323	@	44	28.40
	* 255/45ZR18	103W	181960	10.3	26.97	10.16	8.0-(8.5)-9.5	1929	@	50	29.76
	265/35R18	93W	182530	10.5	25.28	10.47	9.0-(9.5)-10.5	1433	@	44	29.30
	265/50ZR18	103W	182880	10.5	28.43	10.83	7.5-(8.5)-9.5	1929	@	44	31.97
	285/35ZR18	97W	182550	10.5	25.94	11.30	9.5-(10.0)-11.0	1609	@	44	31.10
19	285/40ZR18	101W	182800	10.7	26.97	11.42	9.5-(10.0)-11.0	1819	@	44	31.75
	* 295/45ZR18	112W	182290	10.8	28.31	11.54	9.5-(10.0)-11.0	2469	@	50	35.93
	* 225/35ZR19	88W	182600	10.0	25.16	8.94	7.5-(8.0)-9.0	1235	@	50	22.27
	* 235/35ZR19	91W	182610	10.1	25.51	9.37	8.0-(8.5)-9.5	1356	@	50	22.71
	* 245/35ZR19	93W	182620	10.2	25.94	9.65	8.0-(8.5)-9.5	1433	@	50	24.03
	* 265/30ZR19	93W	182670	10.5	25.35	10.59	9.0-(9.5)-10.0	1433	@	50	26.23
20	* 275/30ZR19	96W	182680	10.6	25.63	10.71	9.0-(9.5)-10.0	1565	@	50	27.34
	* 275/35ZR19	100W	182810	10.6	26.57	10.94	9.0-(9.5)-11.0	1764	@	50	29.76
	* 225/35ZR20	90W	181980	10.0	26.26	8.98	7.5-(8.0)-9.0	1323	@	50	22.27
	* 235/35ZR20	92W	182450	10.1	26.42	9.57	8.0-(8.5)-9.5	1389	@	50	24.25
	* 245/30ZR20	90W	182780	10.2	25.83	9.76	8.0-(8.5)-9.0	1323	@	50	23.15
	* 245/40R20	99W	182840	10.2	27.72	9.76	8.0-(8.5)-9.5	1709	@	50	28.00
22	* 275/30ZR20	97W	182700	10.6	26.57	10.75	9.0-(9.5)-10.0	1609	@	50	31.08
	* 285/30ZR20	99W	182790	10.7	26.93	11.02	9.5-(10.0)-10.5	1709	@	50	31.08
	* 255/30ZR22	95W	182850	10.3	28.07	10.24	8.5-(9.0)-9.5	1521	@	50	29.32
	* 265/40ZR22	106W	182400	10.5	30.39	10.55	9.0-(9.5)-10.5	2094	@	50	37.04
22	* 285/35R22	106W	182590	10.7	29.88	11.22	9.5-(10.0)-11.0	2094	@	50	39.02
	* 295/25ZR22	97W	182770	10.1	27.91	11.42	10.0-(10.5)-11.0	1609	@	50	32.85

\*Indicates Extra Load (XL).





# NEO GEN

## ALL-SEASON ULTRA HIGH PERFORMANCE TIRE

The Neo Gen® is an all-season tire created to provide performance in all season conditions. Its silica-reinforced tread compound and asymmetrical non-directional design help provide comfort, performance and peace of mind all year round.

**VW**  
PERFORMANCE  
RATED

**280**  
UTQG TREADWEAR

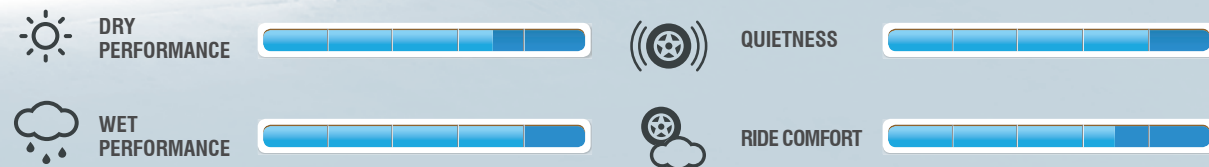
**AA**  
TRACTION

**A**  
TEMPERATURE





## ALL-SEASON ULTRA HIGH PERFORMANCE TIRE



\*Ratings based on comparison to other Nitto product in the segment

**ENHANCED CORNERING**  
The large outer shoulder blocks provide increased surface contact and provide improved traction while cornering.

**WET TRACTION**  
Deep circumferential grooves combined with the slanted three-dimensional tread blocks evacuate water. This helps maintain contact with the road and provides increased wet traction.

**REDUCED WEAR**  
The inner shoulder is made from one continuous block, which adds stability and reduces tread flex. This helps in reducing irregular inner shoulder wear commonly associated with vehicles with negative camber.

**ADVANCED SIPING TECHNOLOGIES**  
3D Multiwave sipes are cut into interlocking ripples instead of straight lines so they provide additional wet traction while keeping the block firm to help reduce irregular wear.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
15	* 205/50R15	89V	185290	9.7	23.07	8.39	5.5-(6.5)-7.5	1279	@	50	20.72
	* 205/40R16	83V	185000	9.7	22.48	8.58	7.0-(7.5)-8.0	1074	@	50	18.52
16	* 205/45R16	87V	185010	9.7	23.35	8.31	6.5-(7.0)-7.5	1201	@	50	19.62
	* 205/50R16	91V	185020	9.7	24.02	8.43	5.5-(6.5)-7.5	1356	@	50	20.94
17	* 205/40ZR17	84W	185030	9.7	23.54	8.58	7.0-(7.5)-8.0	1102	@	50	19.84
	* 205/45ZR17	88W	185350	9.7	24.33	8.23	6.5-(7.0)-7.5	1235	@	50	21.16
	* 215/40ZR17	87W	185050	9.8	23.90	8.86	7.0-(7.5)-8.5	1201	@	50	20.28
	* 215/45ZR17	91W	185060	9.8	24.76	8.43	(7.0)-8.0	1356	@	50	21.83
	* 225/45ZR17	94W	185070	10.0	25.08	8.90	7.0-(7.5)-8.5	1477	@	50	22.93
	* 225/50ZR17	98W	185260	10.0	25.91	9.06	6.0-(7.0)-8.0	1653	@	50	25.13
18	* 235/50ZR17	100W	185270	10.1	26.22	9.53	6.5-(7.5)-8.5	1764	@	50	26.68
	* 205/40ZR18	86W	185090	9.7	24.53	8.58	7.0-(7.5)-8.0	1168	@	50	20.94
	* 215/35ZR18	84W	185100	9.8	24.02	8.58	7.0-(7.5)-8.5	1102	@	50	20.94
	* 215/40ZR18	89W	185110	9.8	24.76	8.70	7.0-(7.5)-8.5	1279	@	50	21.38
	* 225/40ZR18	92W	185130	10.0	25.12	9.06	7.5-(8.0)-9.0	1389	@	50	22.71
	* 235/40ZR18	95W	185230	10.1	25.43	9.49	8.0-(8.5)-9.5	1521	@	50	23.37
19	* 245/40ZR18	97W	185250	10.2	25.75	9.65	8.0-(8.5)-9.5	1609	@	50	24.69
	* 215/35ZR19	85W	185140	9.8	24.88	8.58	7.0-(7.5)-8.5	1135	@	50	21.83
	* 245/35ZR19	93W	185210	10.2	25.79	9.65	8.0-(8.5)-9.5	1433	@	50	24.47
20	* 275/35ZR19	100W	185220	10.6	26.54	10.75	9.0-(9.5)-11.0	1764	@	50	29.32
	* 225/30ZR20	85W	185170	10.0	25.35	8.82	(8.0)	1135	@	50	20.28
	* 225/35ZR20	90W	185150	10.0	26.42	9.02	7.5-(8.0)-9.0	1323	@	50	22.05
	* 235/30ZR20	88W	185310	10.2	25.71	9.45	(8.5)	1235	@	50	23.15
	* 245/30ZR20	90W	185180	10.2	25.98	9.53	8.0-(8.5)-9.0	1323	@	50	22.93
22	* 305/25ZR20	97W	185300	10.6	25.98	12.32	10.5-(11.0)-11.5	1609	@	50	30.42
	* 235/30ZR22	90W	185340	10.2	27.76	9.49	(8.5)	1323	@	50	25.79

\*Indicates Extra Load (XL).



# NT90W<sup>®</sup>



T  
PERFORMANCE  
RATED

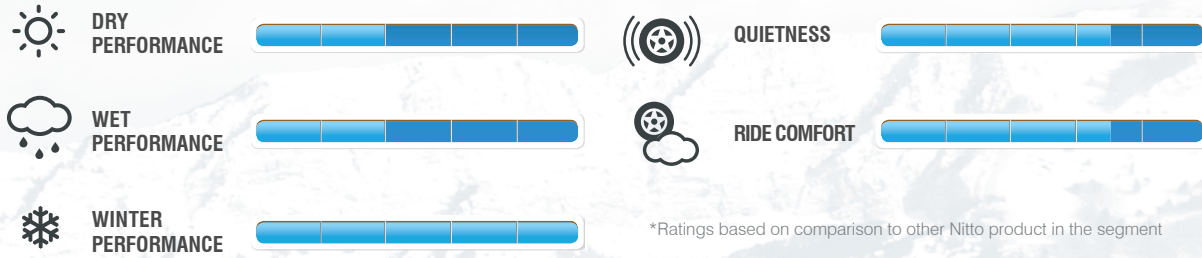
## STUDLESS WINTER TIRE

With advanced 3D interlocking and multiwave siping, and a silica-infused compound the NT90W<sup>®</sup> is engineered for severe winter driving conditions. It is a studless winter tire sized for crossover vehicles, SUVs and passenger cars and made with a unique blend of natural materials that improve winter traction. Crushed walnut shells bite into ice and snow while bamboo charcoal helps absorb water off the road surface. Nitto's NT90W<sup>®</sup> helps you stay connected with the road, even in adverse weather conditions of ice and snow.





## STUDLESS WINTER TIRE



### NON-TRADITIONAL MATERIALS

Nitto utilized two unique materials to its winter tire compounds to increase traction. First, walnut shells acts like “mini-studs” that scratch and dig into ice and snow. Second, bamboo charcoal is a porous material that works like a sponge to soak up the thin film of water on icy road surfaces.

### ADVANCED SIPING TECHNOLOGIES

Siping is one of the most important tire technologies for wet and snow traction. On the NT90W, Nitto uses densely packed 3D Multiwave and 3D Interlocking sipes that provide stable handling performance with less tread flex. The secret is their interlocking ripple design.

### EVEN TIRE WEAR

Reinforced blocks improve handling stability and helps reduce uneven tread wear.

### DUAL ZONE COMPOUND

A tire’s compound greatly influences its performance characteristics. Nitto revolutionized its winter tire technology by introducing a dual zone compound. The inner half of the tire aids in winter acceleration/braking and the outer half of the tire aids in winter handling.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
16	215/70R16	100T	213470	11.0	27.99	8.82	5.5-(6.5)-7.0	1764	@	44	29.10
17	215/55R17	94T	213430	11.0	26.54	8.70	6.0-(7.0)-7.5	1477	@	44	26.01
	* 225/55R17	101T	213440	11.0	26.97	9.02	6.0-(7.0)-8.0	1819	@	50	27.34
	225/60R17	99T	213450	11.0	27.80	8.82	6.0-(6.5)-8.0	1709	@	44	28.22
	* 235/55R17	103T	213620	11.0	27.17	9.65	6.5-(7.5)-8.5	1929	@	50	28.53
18	* 235/55R18	104T	213400	11.0	28.46	9.49	6.5-(7.5)-8.5	1984	@	50	30.42
	* 235/60R18	107T	213460	11.0	29.29	9.37	6.5-(7.0)-8.5	2149	@	50	31.97
	235/65R18	106T	213420	11.0	30.20	9.41	6.5-(7.0)-8.5	2094	@	44	34.83
19	* 255/55R18	109T	213610	11.0	29.02	10.43	7.0-(8.0)-9.0	2271	@	50	33.07
	245/55R19	103T	213110	11.0	29.65	9.96	7.0-(7.5)-8.5	1929	@	44	32.85
	* 255/50R19	107T	213690	11.0	29.09	10.43	7.0-(8.0)-9.0	2149	@	50	33.29
	* 275/45R19	108T	213120	11.6	28.78	10.75	8.5-(9.0)-10.5	2205	@	50	33.07
20	* 285/45R19	111T	213710	11.6	29.09	11.22	9.0-(9.5)-10.5	2403	@	50	35.05
	* 245/45R20	103T	213650	11.0	28.66	9.57	7.5-(8.0)-9.0	1929	@	50	29.98
	* 275/40R20	106T	213630	11.6	28.66	10.94	9.0-(9.5)-11.0	2094	@	50	32.63
	* 275/45R20	110T	213130	11.6	29.76	10.75	8.5-(9.0)-10.5	2337	@	50	34.83
	315/35R20	106T	213570	11.6	28.66	12.60	10.5-(11.0)-12.5	2094	@	44	34.83

\*Indicates Extra Load (XL).



# NT01

## D.O.T.-COMPLIANT COMPETITION ROAD COURSE TIRE

The NT01 is a D.O.T.-compliant competition radial designed with the weekend road racer in mind. The compound was developed to provide the best balance of traction, consistency, heat cycle performance and longevity. The NT01 delivers fast and consistent lap times for both the professional road-racer and the track-day enthusiast.

The NT01 is recommended for dry competition use.  
(See safety warnings on page 84 for more details.)

**Z**  
PERFORMANCE  
RATED

**100**  
UTQG TREADWEAR

**AA**  
TRACTION

**A**  
TEMPERATURE





# NT01

## D.O.T.-COMPLIANT COMPETITION ROAD COURSE TIRE



\*Ratings based on comparison to other Nitto product in the segment

### COMPETITION PERFORMANCE

The construction design is enhanced for consistency and stability under racing conditions. The large shoulder blocks maximize the surface area contacting the road. This large contact patch increases dry performance while accelerating, braking and cornering.

### HANDLING STABILITY

High modulus rayon carcass, reinforced sidewall and the advanced body construction combine to increase stability during braking, cornering and straight-aways.

### SPECIALIZED RACE COMPOUND

The road race compound balances dry traction, consistency, heat cycle performance, heat resistance and longevity to provide fast and consistent lap times throughout the life of the tire.

### DRY PERFORMANCE

The NT01 offers varying degrees of competition performance. The tire is molded at 6.3/32nds of an inch with large continuous tread blocks and sweeping lateral grooves. This set up can be easily shaved down to 3/32nds of an inch tread depth to function as a race slick with twin circumferential grooves.

## SIZES AND SPECIFICATIONS

# NT01

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
14	205/55ZR14	85V	371090	6.3	22.76	8.31	5.5-(6.5)-7.5	1135	@	51	18.52
	205/50ZR15	86V	371080	6.3	22.95	8.35	5.5-(6.5)-7.5	1168	@	51	20.28
15	225/45ZR15	87V	371160	6.3	22.95	8.86	7.0-(7.5)-8.5	1201	@	51	22.27
	245/50ZR16	97V	371070	6.3	25.47	9.96	7.0-(7.5)-8.5	1609	@	51	25.79
16	205/40ZR17	80W	371040	6.3	23.46	8.35	7.0-(7.5)-8.0	992	@	51	19.18
	215/45ZR17	87V	371170	6.3	24.65	8.39	(7.0)-8.0	1201	@	51	23.59
	225/45ZR17	91V	371060	6.3	24.80	8.86	7.0-(7.5)-8.5	1356	@	51	22.71
	235/40ZR17	90W	371100	6.3	24.40	9.49	8.0-(8.5)-9.5	1323	@	51	24.25
	245/45ZR17	95V	371050	6.3	25.55	9.72	7.5-(8.0)-9.0	1521	@	51	26.23
	255/40ZR17	94W	371150	6.3	24.92	10.35	8.5-(9.0)-10.0	1477	@	51	26.42
	275/40ZR17	98W	371030	6.3	25.55	10.91	9.0-(9.5)-11.0	1653	@	51	28.00
17	P315/35ZR17	102W	371140	6.3	25.43	12.48	10.5-(11.0)-12.5	1874	@	51	31.63
	225/40ZR18	88W	371110	6.3	25.08	9.06	7.5-(8.0)-9.0	1235	@	51	23.81
	235/40ZR18	91W	371120	6.3	25.39	9.49	8.0-(8.5)-9.5	1356	@	51	24.91
	245/40ZR18	93W	371020	6.3	25.55	9.72	8.0-(8.5)-9.5	1433	@	51	25.35
	* 265/40ZR18	101W	371520	6.3	26.34	10.67	9.0-(9.5)-10.5	1819	@	50	29.76
	275/35ZR18	95W	371010	6.3	25.55	10.91	9.0-(9.5)-11.0	1521	@	51	27.78
	275/40ZR18	99W	371130	6.3	26.65	10.94	9.0-(9.5)-11.0	1709	@	51	29.54
	305/35ZR18	101W	371180	6.3	26.42	12.32	10.0-(11.0)-12.0	1819	@	51	32.41
18	315/30ZR18	98W	371000	6.3	25.35	12.60	10.5-(11.0)-11.5	1653	@	51	29.98
	335/30ZR18	102W	371290	6.3	25.94	13.50	11.5-(12.0)-12.5	1874	@	51	33.07
	235/35ZR19	87Y	371200	6.3	25.47	9.49	8.0-(8.5)-9.5	1201	@	51	24.03
	* 285/35ZR19	103W	371530	6.3	26.89	11.42	9.5-(10.0)-11.0	1929	@	50	31.75
	* 305/30ZR19	102Y	371270	6.3	26.26	12.32	10.5-(11.0)-11.5	1874	@	50	31.97
	325/30ZR19	101W	371280	6.3	26.73	13.03	11.0-(11.5)-12.0	1819	@	51	33.29
19	255/40ZR20	97Y	371220	6.3	28.03	10.24	8.5-(9.0)-10.0	1609	@	51	29.76
	285/35ZR20	100Y	371560	6.3	27.87	11.42	9.5-(10.0)-11.0	1764	@	51	33.73
	315/30ZR20	101Y	371210	6.3	27.48	12.60	10.5-(11.0)-11.5	1819	@	51	34.83
20											

\*Indicates Extra Load (XL).



# NT05R™

## D.O.T.-COMPLIANT COMPETITION DRAG RACE TIRE

The NT05R™ is a D.O.T.-compliant competition drag radial designed for serious drag racing enthusiasts. The tire's specialized race compound and large contact patch were engineered to provide maximum traction. You'll get off the line quickly and down the track with speed and consistency.

The NT05R™ is recommended for dry competition use.  
(See safety warnings on page 84 for more details.)

**00**  
UTQG TREADWEAR

**B**  
TRACTION

**B**  
TEMPERATURE





## D.O.T.-COMPLIANT COMPETITION DRAG RACE TIRE



\*Ratings based on comparison to other Nitto product in the segment

### COMPETITION PERFORMANCE

The large solid center rib provides a continuous contact patch for dry traction.

### HIGH-SPEED STABILITY

The enhanced sidewall construction combined with high-modulus bead filler and large shoulder blocks increase straight-line stability.

### SPECIALIZED RACE COMPOUND

The new drag racing-specific compound was engineered for increased traction at the starting line.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)	
17	P275/40R17 LL	207500	6.3	25.79	11.02	9.0-(9.5)-11.0	1433	@	44	27.78
	P315/35R17 LL	207510	6.3	25.71	12.48	10.5-(11.0)-12.5	1433	@	44	30.64
18	P285/40R18 LL	207540	6.3	27.09	11.42	9.5-(10.0)-11.0	1565	@	44	29.32
	P305/45R18 LL	207530	6.3	28.90	12.05	9.5-(10.0)-11.5	1929	@	44	33.29
	P315/40R18 LL	207550	6.3	28.03	12.60	10.5-(11.0)-12.5	1874	@	44	33.07
19	P305/35R19 LL	207570	6.3	27.44	12.32	10.0-(11.0)-12.0	1477	@	44	30.64
	P345/30R19 LL	207520	6.3	27.36	13.43	11.5-(12.0)-12.5	1653	@	44	34.39
20	P315/35R20 LL	207560	6.3	28.74	12.48	10.5-(11.0)-12.5	1609	@	44	33.73

(LL) Indicates Light Load



# NT555R

## D.O.T.-COMPLIANT COMPETITION DRAG RACE TIRE

The NT555R is a D.O.T.-compliant competition drag radial designed with additional flexibility for the weekend drag racer. The NT555R combines a high-grip compound and construction to provide increased traction at the starting line. The NT555R is the drag radial for the street or strip.

The NT555R is recommended for dry competition use.  
(See safety warnings on page 84 for more details.)

**VWY**  
PERFORMANCE  
RATED

**100**  
UTQG TREADWEAR

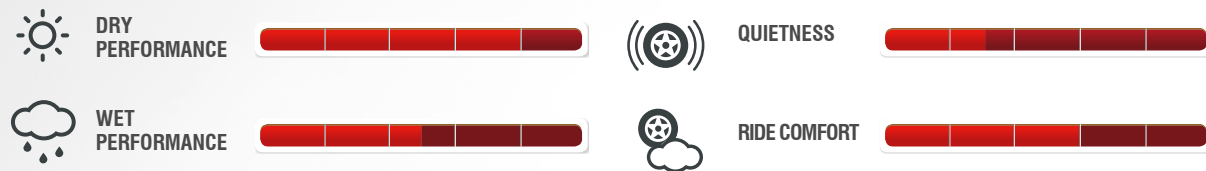
**A**  
TRACTION

**A**  
TEMPERATURE





## D.O.T.-COMPLIANT COMPETITION DRAG RACE TIRE



\*Ratings based on comparison to other Nitto product in the segment

**COMPETITION PERFORMANCE**  
 The overall construction has been modified to improve launch performance. The NT555R was designed to achieve a balance between maximum dry performance and occasional street use.

**HIGH-SPEED STABILITY**  
 Semi-radial construction combined with a unique reinforced package helps provide stability at high track speeds.

**STREET & STRIP**  
 The tread compound is formulated to achieve a balance between tread wear and drag strip performance, allowing for the weekend racer to drive to the track, compete, and drive back home on the same set of rear tires.

Wheel Dia.	Tire Size	Stock Number	Tread Depth (1/32")	Inflated Dimensions		Approved Rim (Measuring Rim) Width (in.)	Maximum			Wt. (lbs.)	
				Overall Dia. (in.)	Overall Width (in.)		Load (lbs.)	@	Press (PSI)		
15	P275/50R15	101V	180490	6.3	25.71	11.10	7.5-(8.5)-9.5	1830	@	44	27.12
	P275/60R15	107V	180300	6.3	27.76	11.10	7.5-(8.0)-9.5	2149	@	44	29.40
	325/50R15	114V	180810	5.0	27.99	13.11	9.0-(10.0)-11.5	2601	@	44	32.41
16	P245/50R16	96V	180480	6.3	25.67	9.80	7.0-(7.5)-8.5	1576	@	44	25.60
	P245/45R17	95V	180660	6.3	25.71	9.69	7.5-(8.0)-9.0	1521	@	44	24.47
	P275/40R17	93V	180700	6.3	25.63	10.91	9.0-(9.5)-11.0	1433	@	44	26.70
17	315/35R17	102V	180800	6.3	25.79	12.13	10.5-(11.0)-12.5	1874	@	44	28.20
	285/35ZR18	97Y	180670	5.0	25.91	11.22	9.5-(10.0)-11.0	1609	@	44	25.35
	285/40ZR18	101W	180740	5.0	26.89	11.42	9.5-(10.0)-11.0	1819	@	44	28.22
18	305/35ZR18	101Y	180680	5.0	26.42	12.40	10.0-(11.0)-12.0	1819	@	44	29.32
	P305/40R18	106V	180720	5.0	27.72	12.13	10.0-(11.0)-12.0	2094	@	44	30.86
	305/45R18	110V	180690	6.3	28.78	12.05	9.5-(10.0)-11.5	2337	@	44	32.41
20	335/30ZR18	102Y	180820	5.0	26.06	13.19	11.5-(12.0)-12.5	1874	@	44	31.53
	275/40R20	102V	180730	5.0	28.82	10.67	9.0-(9.5)-11.0	1874	@	44	28.66
	305/35R20	104V	180830	5.0	28.58	12.17	10.0-(11.0)-12.0	1984	@	44	32.41



## Tire Safety

### ⚠ WARNING

The Nitto® NT05R™, NT555R, and NT01 meet U.S. D.O.T. requirements, but they are not intended for highway use as the expected miles of wear from the racing compound is greatly reduced. These tires are not recommended for driving in wet weather conditions where there is risk of hydroplaning. Drivers should drive cautiously at reduced speeds in these conditions.

### ⚠ WARNING

Use extreme care with any vehicle with large diameter tires and increased ground clearance due to the risk of rollover and possible injury or death. Use extreme caution and reduce speed during turns or abrupt maneuvers. Always wear seat belts, drive safely, and recognize that vehicle stability is reduced in off-road terrain. Do not drive a vehicle with an altered suspension unless you are familiar with its unique handling characteristics and are confident in your ability to maintain control under all driving conditions.

### ⚠ WARNING

Serious injury may result from tire failure due to under-inflation and/or overloading. You must adjust your tires to the proper inflation pressure recommended by either the vehicle manufacturer's tire information placard, your authorized Nitto® Tire dealer, or contact Nitto® Tire for more information. Make sure to inspect your tires for any signs of damage before proceeding onto public roads.

Nitto® Tire does not endorse the operation of any vehicle in an unsafe or unlawful manner.

## Tire Safety

### ⚠ WARNING

#### Tires must never be operated in excess of their rated speed limit!

Exceeding the tire's speed capability will cause overheating of the tire and sudden tire failure, possibly leading to loss of vehicle control. All Nitto passenger and light truck tires have a maximum speed rating depending on size and type. Consult your tire dealer or contact Nitto if you are not sure about the maximum speed rating of your tires. Nitto Tire U.S.A. Inc. does not endorse the operation of any vehicle in an unsafe or unlawful manner. Obey all local speed limits. Tire speed ratings do not imply that a vehicle can be safely driven at the speed for which the tire is rated. Speed ratings are based on laboratory tests that relate to performance on the road, but are not applicable if tires are underinflated, overloaded, worn out, damaged, or altered.

### ⚠ WARNING

#### Use and Installation of Winter (Snow) Tires

Winter driving presents special challenges for vehicle handling. The use of winter tires, studs, and/or chains, while improving snow traction performance, requires additional caution with regard to braking, cornering, and speed. The use of snow tires may reduce the vehicle's handling and braking capability. It is important to drive with care, not only on snow and ice, but on dry and wet roads as well. Nitto recommends that snow tires be installed in matched, sets of four. This also applies for studded winter tires. When snow tires of a lower speed rating compared to the original tires are installed, the vehicle's speed capability is reduced. Follow all recommendations in the vehicle owner's manual regarding the use of winter tires. Consult your tire dealer for more information regarding seasonal restrictions for stud usage.

### ⚠ WARNING

#### Proper Selection of Replacement Tires

Replacement tires for any vehicle must be of a size, load range, and load capacity (by inflation) that are capable of supporting the load of the vehicle's originally installed (O.E.) tires. Failure to install tires with adequate load capacity will result in tire fatigue and sudden tire failure leading to possible loss of control or an accident.

**IMPORTANT!** Refer to the vehicle owner's manual for any specific safety advice regarding the application of replacement tires.

### ⚠ WARNING

#### Tire and Rim Matching

**NEVER MOUNT 16" RIM DIAMETER TIRES ON A 16.5" DIAMETER RIM!** Any attempt to mount a 16" rim diameter tire on a 16.5" rim diameter will result in an explosion of the tire/rim assembly that can cause severe personal injury or death. Prior to mounting any 16" rim diameter tires, always check the rim/wheel identification stamp to verify the correct rim diameter. Always check the tire size molded onto the sidewall. NEVER exceed 40 psi when seating the beads on rims.

Warning for additional sizes:

To avoid an explosion of the tire/rim assembly and personal injury or death:

- **Never attempt to mount 22" rim diameter tires on any 22.5" diameter rim!**
- **Never attempt to mount 24" rim diameter tires on any 24.5" diameter rim!**

### ⚠ WARNING

#### Replacement Tires for Light Trucks – P-metric vs. LT-metric

Tire installers should exercise extreme caution when replacing tires on light trucks. LT type tires (e.g. LT265/75R16) may not offer adequate load capacity when replacing P-metric type tires (e.g. P265/75R16), depending on the vehicle's load requirements and the tire's load/ply rating. **LT type tires require much higher air pressures to carry equivalent loads of P-metric tires.** If P-metric type tires are used to replace LT-metric tires, installers should verify the load requirement of the vehicle by checking the tire information placard. Always make sure that replacement tires offer equal or more load capacity (by inflation) compared to the originally installed tires.

If P-metric, or metric tires are intended to replace originally installed LT type tires, the load capacity of the P-metric tire is reduced by 9% at any inflation value. Consult manufacturer's load and inflation charts.



**⚠ DANGER**

Always stand well clear of any tire mounting operation. This is especially important when the service operator inflates the tire. If the tire has been improperly mounted, it may burst with explosive force causing serious personal injury or death.

A new valve must be installed on the rim each time a worn out passenger or light truck tire is replaced.

**⚠ DANGER**

Removing and replacing tires on wheels can be dangerous. Attempting to mount tires with improper tools or procedures may result in a tire explosion causing serious injury or death. This is a job for your authorized Nitto® dealer or other qualified tire service location only.

**⚠ DANGER**

**NOTE TO PROFESSIONAL TIRE INSTALLERS:** Exceeding the maximum bead seating pressure. The tire service person must **NEVER** INFLATE BEYOND 40 POUNDS PRESSURE TO SEAT BEADS unless specified by the tire manufacturer! **NEVER STAND, LEAN OR REACH OVER THE ASSEMBLY DURING INFLATION!**

**\*\*IF Replacing Less Than Four (4) Tires\*\***

IMPORTANT!

In some cases, the vehicle manufacturer may specifically advise against replacing less than all four tires. Always check and follow the recommendations in the vehicle owner's manual. For 4WD and AWD vehicles, even small differences in outside diameter may cause drive-train damage or mechanical malfunction.

When replacing tires on a vehicle, it is recommended and preferred that all four tires be replaced at the same time for continued optimal vehicle performance. However, for those cases where this is not feasible, below are some general guidelines to consider when replacing less than four tires for a light vehicle, whether it is one or two tires. If the vehicle manufacturer has alternate recommendations, always follow their recommendations.

**REPLACING TWO (2) TIRES** - When a pair of replacement tires is selected in the same size and construction as those on the vehicle, the two newer tires must be installed on the rear axle. All tires must be the same speed rating and must be of equal or higher speed rating than the tire that came as original equipment on the vehicle. New tires with deeper tread will provide better grip and evacuate water more effectively, which is important as a driver approaches (wet) hydroplaning situations. Placing greater traction on the rear axle on wet surfaces is necessary to prevent a possible oversteer condition and loss of vehicle stability and control.

**REPLACING ONE (1) TIRE** - Replacing a single tire on a vehicle can have an adverse effect on suspension systems, gear ratios, transmission, and tire treadwear. If single tire replacement is unavoidable, it is recommended that the single new tire be paired with the tire that has the deepest tread depth and both be placed on the rear axle. Placing greater traction on the rear axle on wet surfaces is necessary to prevent a possible oversteer condition and loss of vehicle stability and control.

**Consumer Safety Advisory for Lifted Light Trucks  
Rollover Propensity of Lifted Light Trucks**

**⚠ WARNING**

Consumers should be aware that the installation of larger diameter tires, including off-road type tires, combined with modified suspensions (lift kits) for increased off-road ground clearance will adversely affect the handling and maneuverability characteristics of the vehicle compared to the factory-equipped (original) vehicle.

When vehicles, especially light trucks, are lifted, the center of gravity is heightened, thus making them more prone to rollover. Rollover propensity is further increased with full passenger and/or cargo loads. Other aspects of handling and maneuverability may also be affected by altering the original manufacturer's design.

As with any vehicle, **extreme care must be used to prevent loss of control or rollover during sharp turns or abrupt maneuvers.**



Always wear seat belts and drive safely, recognizing that reduced speeds and special driving techniques may be required.

**The installation of larger tire and wheel combinations will reduce the effectiveness of anti-lock braking systems and increase stopping distance.**

**Failure to safely drive any vehicle equipped with a lift kit may result in an accident resulting in serious injury or death.**

Do not drive a lifted vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state.

Consult your owner's manual, the instructions accompanying the lift kit, and state laws before undertaking any vehicle suspension modifications.

**You are responsible for the legality and safety of the vehicle you modify using lift kit and tire modifications.**



## Recommendations on the Proper Use and Handling of Certain Nitto® Tires

This advisory supersedes NTSD-09-002, dated October 2, 2009, and applies only to the following products:

All NT555R™  
All NT555RII™  
All NT01™

This advisory addresses the proper use and handling of these tires in colder climates. Tires exposed to temperatures below 15°F (-9°C) will lose rubber compound flexibility. Under certain conditions, it may even experience cracking (see image below).



**CAUTION**

The rubber compounds used in these tires have unique properties that, when compared to other tires, can cause them to lose some of their flexibility when used or handled in conditions below 15°F (-9°C). This loss in flexibility can lead to potential cracking and other damage to the tire.

**TO MINIMIZE THE CHANCES OF THIS HAPPENING, CONSUMERS AND INSTALLERS ARE ADVISED TO FOLLOW THESE INSTRUCTIONS:**

1. Do not move or operate the car with these tires in conditions below 15°F (-9°C). **ALWAYS INSPECT FOR SIGNS OF CRACKING! NEVER USE TIRES THAT HAVE CRACKED!**
2. Avoid moving these tires in conditions below 15°F (-9°C).
3. Before mounting or dismounting, store these tires for at least 24 hours in a temperature-controlled environment of 68°F (20°C) or warmer, and **ALWAYS INSPECT FOR SIGNS OF CRACKING! NEVER USE TIRES THAT HAVE CRACKED!**
4. Remove these tires from the vehicle and deflate to half the normal air pressure during prolonged periods of non-use or storage.

## 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  
P305/35R19 94 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.



# Technical Bulletin

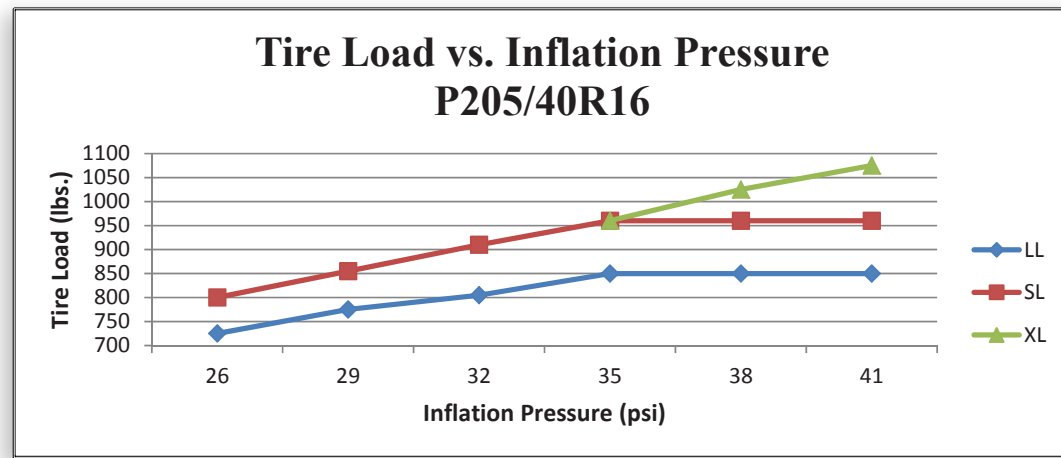


Figure 2 – Tire Load vs. Inflation Chart

### 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

## Tire Inflation: Multipurpose Passenger Vehicles

This bulletin supersedes all prior Nitto publications related to tire inflation for multipurpose passenger vehicles, including recreational vehicles. The purpose of this bulletin is to disseminate Nitto’s recommendation and policy regarding inflation and tire maintenance of original equipment tires and direct replacement tires (same size and load range) on multipurpose passenger vehicles.

For the purpose of this bulletin, multipurpose passenger vehicles include all vehicles equipped with LT designated tires or medium duty truck tires. Multipurpose passenger vehicles include **recreational vehicles (including class A, C, and B RVs), buses, and EMS (emergency medical service) vehicles.**

### Inflation of Original Equipment Tires on Multipurpose Passenger Vehicles:

Nitto’s policy is to maintain the pressure specified on the vehicle’s tire information placard (certification label) as established by the vehicle manufacturer or final stage manufacturer.

Replacement tires must also be capable of supporting no less than the vehicle’s GAWR (per axle).

### Tire Inflation and GAWR Information:

The vehicle’s *tire information placard (certification label)* includes information regarding the tire size, inflation, GAWR and other information. The tire information placard is usually located on the driver’s door hinge pillar, door latch post, or the door edge. In RVs the tire information placard is placed on the bulkhead at the left of the driver’s seating position.

### Example – Tire Information Placard (Certification label):

**GAWR** → DATE: 09/03      GVWR: 8800LB / 3991KG  
FRONT GAWR: 4850LB      REAR GAWR: 6084LB

**Tire Size** → LT265/75R16      WITH TIRES RIMS      LT265/75R16      WITH TIRES RIMS  
16X7.0K      PSI COLD      16X7.0K      PSI COLD

**Inflation** → AT 345 kPa/50      AT 485 kPa/70

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.  
VIN: 1FTNW20P64EA89207      F0789 T1407  
TYPE: TRUCK



## Applicable Federal Motor Vehicle Safety Standards

Federal Motor Vehicle Safety standard (FMVSS 571.120) requires the following of vehicle manufacturers in applying original tires to vehicles:

**The sum of the maximum load ratings of the tires fitted to an axle shall not be less than the gross axle weight rating (GAWR) of the axle system as specified on the vehicle's certification label (tire information placard).**

Consequently, vehicle manufacturers are required by federal regulations to apply tires of a sufficient size, load range, and load capacity (by inflation) to support no less than the GAWR.

### GAWR Definition:

The maximum allowable weight the axle assembly is designed to support as determined by the vehicle manufacturer. This includes both the weight of the axle and the portion of the vehicle's weight carried by the axle.

### GVWR Definition:

The maximum permissible weight of the vehicle, including the unloaded vehicle weight plus all fluids, cargo, passengers, optional equipment and accessories. For safety and product performance, **do not exceed the GVWR.**

### Checking Loaded Axle Weights & Load Distribution:

Consumers should make themselves aware of the loaded weight on each axle and wheel position of their vehicle and achieve as equal distribution of side-to-side weight as possible by redistributing cargo or payload as required. This can be determined by weighing each wheel position of the vehicle on a public scale. In any case where vehicle axle loads exceed the loads stated on the vehicle placard, all attempts should be made to reduce the vehicle's weight prior to driving. **A vehicle must never be operated when the loaded weight of any axle exceeds the GAWR, nor should any vehicle be operated when the actual loaded weight exceeds the gross vehicle weight rating (GVWR).**

### Tire Inspection & Tire Rotation:

The practice of rotating tires on multi-purpose vehicles should take into consideration any past under-inflation of tires. **Any tire that has been run under-inflated for any length of time may have become dangerously fatigued (damaged internally), and subject to sudden failure.** The term 'under-inflation' may be defined as the operation of any tire below an inflation level required to support the tire's actual load (according to tire load & inflation charts). Nitto recommends that any tire that was known or suspected of being run under-inflated or overloaded should be dismantled and fully inspected by a qualified tire professional for any damage or indications of fatigue before being rotated or returned to service.

### Tire Damage and Aging (noncommercial use):

Vehicle operating conditions and tire maintenance practices vary widely. Tires should be routinely checked for damage or signs of fatigue or aging. This should be done at scheduled vehicle maintenance intervals and preferably on a lift so that the tires can be thoroughly inspected by a tire professional.

### Reducing Inflation Pressure – Vehicle Certification Label:

**Under no circumstances should the tire inflation pressure be reduced below that stated on the vehicle's tire information (certification) placard to achieve improvements in ride comfort.** If you do not know where the tire information placard is, contact your vehicle manufacturer for its location and tire inflation recommendation. For RVs, the certification label is usually placed on the wall or bulkhead to the left of the driver's position.

### Air Compressor Capacity:

For vehicles equipped with air compressors: Some compressors may not be capable of inflating the tire to the required inflation pressure. In this case, consumers should take their vehicle to a retail tire shop or commercial vehicle repair shop with a higher capacity air compressor.

### Check Cold Tire Inflation Pressure Prior to Driving:

The cold tire inflation pressures of each wheel should be checked at least once per week and any corrections in cold tire inflation pressure should be made prior to a trip. "Cold" means that the tires are at the same temperature as the surrounding air, such as when the vehicle has been parked overnight. Never bleed air from a tire that has been run. It is normal for a tire's inflation pressure to increase (hot inflation pressure) after running (for example 30 minutes or more driving time).

### Tire Air Pressure Loss:

All tires lose air at the rate of 1 – 1.5 PSI per month due to natural permeation of the air through the tire's rubber membrane. Always check the cold inflation pressure of any vehicle that has not been driven for several weeks and re-inflate the tires to the placard pressure before driving.

Tire pressure is affected by the ambient temperature to the extent of approximately 1 PSI per 10 degree (F) change in temperature. As an example, a 20 degree (F) drop in temperature will result in a 2 PSI drop. A 20 degree (F) increase in ambient temperature will result in a 2 PSI increase. As ambient temperatures drop, tire pressures should be checked and the air pressures increased as required.

Aside from tire pressure fluctuations due to ambient temperature, any unexplained air loss, such as 1 PSI or more per week should be investigated for the cause(s), such as a nail puncture, leaking valve stem, etc., and corrected prior to driving.

### Driving Speed – Tire Fatigue:

Tires designated as 'LT' tires and medium duty truck tires have less resistance to heat build-up compared with passenger tires, and are more susceptible to internal damage and fatigue if they are run under-inflated, overloaded, or in excess of their (rated) speed capability. **Driving at sustained high speeds with under-inflated and/or overloaded tires may lead to immediate tire failure.** Driving in excess of the tire's speed capability – even if properly inflated – may result in sudden tire failure. **Consult the tire manufacturer regarding the speed limitation of the size and type tire you are using.** It is the driver's responsibility not to exceed posted speed limits.

## FAQ for Tire Inflation on Multipurpose Vehicles:

**Q:** If my tire and axle loads are below the vehicle's GAWR, can Nitto recommend a more suitable air pressure than that shown on the vehicle's tire information placard?

**A:** No. The vehicle's placard pressure will provide some measure of air pressure "reserve" over that required for the actual load, thus providing a **safety margin.**

**Q:** What if the vehicle's certification placard inflation pressure is too high or low?

**A:** The vehicle's certification placard inflation is not determined at the whim of the vehicle manufacturer. It is established in accordance with Federal Motor Vehicle Safety Standards (FMVSS 571.120) that require the tire size, load range and load capacity (by inflation) shall provide load capacity not less than the vehicle's gross axle weight rating (GAWR). Although vehicle manufacturers must comply with this regulation, some originally installed tires may require higher or lower placard pressures depending on the size, load range, and load capacity of the tire.

**Q:** What are the consequences of inflating the tires to accommodate the actual loads?

**A:** If the inflation pressure corresponds to the actual tire load according to the tire manufacturer's load and pressure table, the tire will be running at 100% of its rated load at that pressure. **This practice may not provide a sufficient safety margin.** Any air pressure loss below the minimum required to carry the load can result in eventual tire failure.