



TRUCK TIRE DATA AND REFERENCE BOOK

warrior[™]



80 YEARS OF INDUSTRY EXCELLENCE

Since 1934 Warrior has been manufacturing passenger and light truck tires and has grown into a worldwide brand. As part of one of the largest tire manufacturers, Warrior is committed to becoming a premier tire brand in the highly competitive North American market. Their tires are engineered to provide the utmost control, enabling the driver to conquer the road and the elements. Warrior tires offer excellent mileage, safety and speed ratings, and adapt to the road conditions a driver experiences every day by providing highly responsive stopping power and traction.

WS205

LINE-HAUL STEER-POSITION TIRE

FEATURES AND BENEFITS

- $\frac{1}{32}$ " to $\frac{2}{32}$ " tread depth promotes long original tread life and superior handling
- Specially designed tread siping enhances traction and stability
- Shoulder decoupling grooves and center equalizer ribs lead to even tread wear
- Durable casing design promotes long service life and multiple retreads



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
11R22.5	1143271255	14	M	19	15.0	144/142	113
11R24.5	1143271455	14	M	20	16.0	146/143	126
295/75R22.5	1143279255	14	M	20	16.0	144/141	118
285/75R24.5	1143278455	14	M	20	16.0	144/141	123

WD209

CLOSED SHOULDER DRIVE-POSITION TIRE

FEATURES AND BENEFITS

- Closed shoulder tread design delivers excellent traction and provides even wear
- Deep $30\frac{3}{32}$ " tread with stone drilling protectors provides exceptionally long wear
- Tight tread block-to-void ratio leads to tire stability during rotation, promoting long tread wear
- Center siping in the tread block helps to grip the road surface for superior traction and stability



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
11R22.5	1143471255	14	L	30	24.0	144/142	127
11R22.5	1143471256	16	L	30	24.0	148/145	130
11R24.5	1143471455	14	L	30	24.0	149/146	139
11R24.5	1143471456	16	L	30	24.0	149/146	141
295/75R22.5	1143479255	14	L	30	24.0	144/141	129
285/75R24.5	1143478455	14	L	30	24.0	144/141	131

WD266

OPEN SHOULDER DRIVE-POSITION TIRE

FEATURES AND BENEFITS

- Heavy-duty casings provide strength and stability, and also promote retreadability
- Unique open shoulder tread design delivers superior traction and even wear
- Deep tread depth provides excellent traction in all weather and road conditions
- Tread depth and design provide outstanding wear in regional and long-haul applications



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
11R22.5	1143621255	14	L	28	22.5	144/142	125
11R22.5	1143621256	16	L	28	22.5	148/145	130
11R24.5	1143621455	14	L	28	22.5	146/143	135
11R24.5	1143621456	16	L	28	22.5	149/146	137
295/75R22.5	1143629255	14	L	28	22.5	144/141	129
285/75R24.5	1143628455	14	L	28	22.5	144/141	131

STEER

DRIVE

TRAILER

MIXED SERVICE

WARRANTY

WD410

OPEN SHOULDER DRIVE-POSITION TIRE

FEATURES AND BENEFITS

- Open shoulder design with locking center rib provides superior traction in both wet and dry conditions
- Deep $\frac{19}{32}$ " tread design promotes long original mileage
- Tie bar on the outside shoulder helps to maintain tire stability and combat irregular wear
- Siping in the tread blocks enables the tire to efficiently channel water



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
225/70R19.5	1143422796	14	N	19	15.5	128/126	70

WT100

SHALLOW DEPTH TRAILER-POSITION TIRE

FEATURES AND BENEFITS

- Siping and wide shoulders promote even wear in free rolling/trailer axle positions
- Center rib engineered to eject stones, preserving casing integrity and promoting multiple retreads
- $^{12}/_{32}$ " tread depth delivers long original mileage



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
11R22.5	1143581255	14	M	12	10.0	144/142	108
11R24.5	1143581455	14	L	12	10.0	146/143	110
295/75R22.5	1143589255	14	M	12	10.0	144/141	110
285/75R24.5	1143588455	14	M	12	10.0	144/141	109

STEER

DRIVE

TRAILER

MIXED SERVICE

WARRANTY

WS233

MIXED SERVICE ALL-POSITION TIRE

FEATURES AND BENEFITS

- Durable all-position tread pattern built for multiple on/off highway uses
- Cut/chip resistant compounds added to deliver excellent performance in tough applications
- Outside shoulder and unique center groove design delivers added traction in mud and soft soil



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
11R22.5	1146071256	16	L	22	17.5	148/145	123
11R24.5	1146071456	16	L	21	17.0	149/146	131
315/80R22.5	1146071258	20	L	19	15.0	157/154	147
315/80R22.5	1146071259	22	65MPH	19	15.0	160/157	147

WS208

PREMIUM WIDE BASE ALL-POSITION TIRE

FEATURES AND BENEFITS

- Aggressive all-position tread pattern designed for multiple on/off highway uses
- Center siping in the tread elements bite the road surface for improved traction and stability
- Outside shoulder grooves provide added traction in mud and soft soil
- Specifically designed with compounds that perform exceptionally well in local delivery applications



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
425/65R22.5	1143602258	20	K	20	16.0	165	190

WS209

PREMIUM WIDE BASE ALL-POSITION TIRE

FEATURES AND BENEFITS

- Aggressive all-position tread pattern designed for multiple on/off highway uses
- Center siping in the tread elements bite the road surface for improved traction and stability
- Outside shoulder grooves provide added traction in mud and soft soil
- Specifically designed with compounds that perform exceptionally well in local delivery applications



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
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385/65R22.5	1143608258	20	K	20	16.0	160/158	164
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WS202

SPECIALTY ALL-POSITION TIRE

FEATURES AND BENEFITS

- Special tread compounds deliver exceptional mileage in a variety of specialty trailer applications
- 5-rib design promotes superior handling, stability and traction
- Solid shoulders and siping design fight irregular wear, promoting better tire performance
- Casing design and 4 steel belts provide a high level of protection from road hazards



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
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215/75R17.5	1143401776	16	J	16	13.0	135/133	61
235/75R17.5	1143406797	18	L	16	13.0	143/141	72
245/70R17.5	1143404778	18	J	17	14.0	143/141	65
255/70R22.5	1143405726	16	N	16	13.0	140/137	87
275/70R22.5	1143407726	16	M	16	13.0	148/145	104
10R17.5	1143401706	16	L	16	13.0	143/141	79
8R19.5	1143400894	12	M	16	13.0	124/122	59

STEER

DRIVE

TRAILER

MIXED SERVICE

WARRANTY

WS210

REGIONAL ALL-POSITION TIRE

FEATURES AND BENEFITS

- EPA SmartWay®-verified and CARB compliant tread compounds provide lower rolling resistance and better fuel economy
- Micro sipes on the groove edges prevent irregular tire wear
- 5-rib tread design with wide shoulders improves durability and delivers even wear in regional steer/ all-position applications
- Wide groove design channels water for improved handling and lateral stability



SIZE	SKU#	PLY	SPEED RATING	TREAD DEPTH (32NDS)	TREAD DEPTH (MM)	LOAD INDEX	WEIGHT (LB)
11R22.5	1143701255	14	L	18	14.5	144/142	117
11R22.5	1143701256	16	L	18	14.5	148/145	121
11R24.5	1143701455	14	L	18	14.5	146/143	127
11R24.5	1143701456	16	L	18	14.5	149/146	129
295/75R22.5	1143709255	14	M	18	14.5	144/141	116
295/75R22.5	1143709257	16	M	18	14.5	144/141	120
285/75R24.5	1143708455	14	L	18	14.5	144/141	123
225/70R19.5	1143702796	14	M	16	13.0	128/126	70
245/70R19.5	1143704797	16	K	18	14.5	141/140	82
265/70R19.5	1143706797	16	K	18	14.5	143/141	91

STEER

DRIVE

TRAILER

MIXED SERVICE

WARRANTY

LIMITED MANUFACTURER'S WARRANTY

LIMITED WARRANTY

Warrior Radial TBR (Truck and Bus Radial) Tire Limited Manufacturers Warranty January 1, 2017

TO OBTAIN AN ADJUSTMENT

- You must present the tire to be adjusted to a current Warrior Commercial TBR Tire Dealer (Please consult your telephone directory for locations or visit our dealer locator on our website at www.warriortire-us.com). Tires replaced on an adjustment basis become the property of Warrior.
- You must pay for taxes, fees or any additional services you order at the time of adjustment.
- No claim will be recognized unless submitted on a Warrior claim form (supplied by the Warrior Commercial TBR Tire Dealer), completely filled out and signed by you, the owner of the tire presented for adjustment, or your authorized agent.

FOR SERVICE ASSISTANCE OR INFORMATION

- First contact the nearest Authorized Warrior Commercial TBR Tire Dealer.
- If additional assistance is required:
 - Visit our website at www.warriortire-us.com.
 - E-mail The Warrior Customer Relations Department at info@warriortire-us.com or
 - Write to:
Warrior Customer Assistance Service Department
406 E. Huntington Drive, Suite 200
Monrovia, CA 91016

WHO IS ELIGIBLE FOR WARRANTY COVERAGE

You are eligible for the benefits of this warranty if you meet all the following criteria:

- You are the owner or authorized agent of the owner of new Warrior Light Truck Radial or radial medium TBR tires.
- Your tires bear Department of Transportation (DOT) prescribed tire identification numbers and are not branded "NA" (Not Adjustable).
- Your Warrior TBR tires have been used only on the vehicle on which they were originally installed according to the vehicle manufacturers or Warrior's recommendations.
- Your tires were purchased on or after January 1, 2007.

WHAT IS COVERED UNDER THIS WARRANTY AND FOR HOW LONG

- 50% FREE REPLACEMENT WARRANTY**
If any Warrior TBR tire covered by this warranty becomes unserviceable due to a defect in workmanship or material during the first 50% of the original tread life (calculated by subtracting one-half (½) the difference between the original new tire tread depth and ½" from the original new tire tread depth), then Warrior will reimburse the cost of a replacement Warrior TBR tire to you, plus the cost of mounting and balancing as follows:
 - The defective Warrior tire must be replaced with a comparable new Warrior tire by an authorized Warrior TBR tire dealer.
 - Costs of mounting and balancing will be refunded up to a maximum of \$16.00 per tire.
 - Applicable taxes and fees will be the responsibility of the owner of the vehicle.
 - 50% free replacement applies to first quality tires only. Blemished, Non-Adjustable (stamped on tire), retreads or road hazard tires are specifically excluded.
- PRORATED TIRE REPLACEMENT**
Warrior TBR tires covered by this warranty that become unserviceable due to a defect in workmanship or material during the life of the original usable tread (down to ½" remaining usable tread), will be reimbursed to the owner on a prorated basis. You pay only for the mounting, balancing, taxes and fees.

HOW TO CALCULATE THE PRORATED AMOUNT

The replacement price will be calculated by multiplying the current Warrior "predetermined price for adjustment" or current advertised selling price at the adjustment location (whichever is lower) by the percentage of usable original tread that has been worn off at the time of adjustment. You pay for mounting, balancing, and amount equal to the full current Federal Excise Tax and any other applicable taxes and fees for the comparable new Warrior replacement tire.

PRORATED REIMBURSEMENT EXAMPLE

If your disabled tire had an original ½" of usable tread depth and is worn to ¼" of usable tread remaining you have used 50% and therefore must pay 50% of the predetermined price for adjustment or advertised selling price of a comparable tire, plus an amount equal to the full current Federal Excise Tax applicable to the comparable new replacement tire at the time of adjustment. If the price of the comparable tire is \$400.00, the cost to you would be \$200.00 plus Federal Excise Tax, mounting, balancing and any other applicable taxes.

DEFINITION OF A COMPARABLE TIRE

A "comparable" new Warrior tire may either be the same line of tire or, in the event that the same tire is not available, a tire of the same basic construction and quality with a different sidewall or tread configuration. If a higher priced tire is accepted as replacement, the difference in price will be at an additional charge to you. Any replacement tire provided pursuant to this warranty will be covered by the Warrior warranty in effect at the time of replacement.

WHAT THIS WARRANTY DOES NOT COVER

Irregular wear or tire damage due to:

- Road hazards (including punctures, cuts, snags, impact breaks, etc.)
- Wreck, collision, or fire.
- Improper inflation, overloading, high speed spinup, misapplication, misuse, negligence, racing, chain damage, or improper mounting or demounting.
- Mechanical condition of the vehicle.
- Ride disturbance after the first ½" treadwear or due to damaged wheels or any vehicle condition.
- Any tire intentionally altered after leaving a factory producing Warrior tires to change its appearance (example: white inlay on a black tire).
- Tires with weather cracking which were manufactured five (5) or more years prior to presentation (7 years on OptiGreen SmartWay®-verified products) are not covered.
- This limited warranty is applicable only in the United States, Canada, Mexico and Central America and any tire used or equipped on a vehicle registered or operated outside the U.S., Canada, Mexico and Central America are not covered by this warranty.
- Tire branded or marked "Non-Adjustable" (N/A) or "Blemished" (Blem), or previously adjusted.

Failure, damage, or irregular wear due to:

- Accident or vandalism, improper misalignment, wheel imbalance, faulty shocks or brakes;
- Mechanical condition of vehicle, including misalignment, wheel imbalance, faulty shocks or brakes;
- Misapplication of tire, use of improper inner tube;
- Alteration of the tire or addition of alien material or transfer from one vehicle to another;
- TBR tire failed due to faulty retreading or material.
- Cost of mounting and balancing service except as noted above.
- Loss of time or use, inconvenience, or any incidental or consequential damages.
- Material added to a tire after leaving a factory producing Warrior tires: (example: tire fillers, sealants, or balancing substances). If the added material is the cause of the tire being removed from service, the tire will not be adjusted.
- Loss of time, inconvenience, loss of use of vehicle, incidental or consequential damage.

WARRIOR 7 YEAR CASING WARRANTY

Effective April 19, 2017 all Warrior casings with a DOT manufactured date as of the 1st week in January 2017 will be warranted for workmanship and materials at 100% through the first, second and third retread for a period of seven years from the manufactured date indicated in the DOT #. If an authorized Warrior dealer examines the casing and finds such a defect Warrior will reimburse the owner for the casing according to the following schedule:

Warrior CASING VALUES

Warrior LIGHT TBR	CASING VALUES (Warrior)
8, 8.5R17.5	\$15.00
8R19.5	\$15.00
TUBELESS	
9, 10, 11R17.5	\$20.00
9, 10R22.5	\$40.00
11R22.5, 24.5	\$65.00, \$70.00
12R22.5, 24.5	\$70.00
TUBELESS LOW PROFILE	
215, 235/75R17.5	\$15.00
225, 245, 265	\$30.00
245, 265/75R22.5	\$15.00
255, 275/70R22.5	\$65.00
295/75R22.5	\$65.00
295/80R22.5	\$65.00
285/75R24.5	\$75.00
315/80R22.5	\$65.00
385, 425, 445/65R22.5	\$65.00
TUBE-TYPE	
10.00R20	\$50.00

YOUR LEGAL RIGHTS

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. No representative or dealer has authority to make any representation, promise, or agreement on behalf of Warrior, except as stated herein. Any tire, no matter how well constructed, may fail in service or otherwise become unserviceable due to conditions beyond the control of the manufacturer. Under no circumstances is this a representation that a tire failure cannot occur. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state. This limited warranty is applicable only in the United States, Canada, Mexico and Central America.

END OF WARRANTY

A tire has delivered its full original tread life and the new tire coverage ends when the tread wear indicators become visible or 5 years from the date of manufacture as indicated by the DOT # or the date of purchase (proof of purchase required is the customers invoice). Without proof of purchase the DOT date of manufacture will be used. Warrior casings will continue to be warranted beyond the new tire coverage for a period of 7 years from the DOT date of manufacture or the date of purchase as indicated above.

SAFETY WARNINGS

Serious injury or property damage may result from:

- TIRE FAILURE DUE TO UNDERINFLATION/ OVERLOADING.** Follow the owner's manual or tire placard in vehicle.
- TIRE FAILURE DUE TO EXCESSIVE HIGH SPEED.** Follow the owner's manual or tire placard in vehicle.
- EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING.** Only specially trained persons should mount tires.
- FAILURE TO MOUNT RADIAL TIRES ON APPROVED RIMS**
- FAILURE TO DEFLATE SINGLE OR DUAL ASSEMBLIES COMPLETELY BEFORE DISMOUNTING.**
- TIRE SPINNING.** On slippery surfaces such as snow, mud, ice, etc., do not spin tires in excess of 35 mph (55 km/h), as indicated on the speedometer. Personal injury and severe damage may result from excessive wheel spinning, including tire disintegration or axle failure.

Warrior

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