



# TRUCK & BUS RADIAL

PRODUCT RANGE - 2023



















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# INTRODUCTION

Radars Tires is a design-driven brand, offering safety, performance and sustainability for all. Our mission is to make vehicle ownership accessible to all, by offering fitments with a unique combination of technology and sustainability, designed and engineered without compromise. Our truck tires deliver a unique combination of high mileage and well balanced driving characteristics. We know the long distances drivers often need to cover, tight deadlines, unexpected and demanding situations on and off the road. That's why it is essential to have a reliable partner who helps you face daily challenges with confidence. Radar Tires is the embodiment of quality and technological innovation by Omni United.

# APPLICATION CHART

	HIGHWAY	MIXED SERVICE	OFF-ROAD	WINTER
<b>ALL POSITION</b>	 	 		
	 			
				
<b>DRIVE</b>	 			
<b>TRAILER</b>	 			
	 			
				

# HIGHWAY

## R-AH 531



### FEATURES

- Interlocking tread block design
- Closed shoulder and notched design
- Circumferential grooves

### BENEFITS

- Provides tread stability and durability
- Provides excellent heat dissipation for cooler running and good fuel efficiency
- Delivers better water evacuation and good traction

RIM	SIZE	LI/S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
								S	D	S	D	
17.5	10R17.5	143/141J	16	7.50	15.1	33.8	10.0	6005	5675	123	123	

## R-AH 611



### FEATURES

- Integrated decoupling groove and tread rib protector
- Multiple sipes on the circumferential ribs
- Four-layer belt construction

### BENEFITS

- Promotes even wear and makes it ideal for the steer position
- Provides excellent grip and cooler running
- Offers excellent high speed stability

RIM	SIZE	LI/S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
								S	D	S	D	
22.5	11R22.5	148/145M	16	8.25	18.9	41.5	11.0	6940	6395	123	123	
	295/75R22.5	144/141M	14	9.00	18.9	39.9	11.7	6175	5675	110	110	

### R-AH 612



#### FEATURES

- Advanced tread compound
- Five rib four circumferential grooves design
- Optimized sipe design

#### BENEFITS

- Delivers low rolling resistance for higher fuel efficiency
- Provides excellent traction and water clearance
- Offers good grip on highways and cooler running

RIM	SIZE	LI/S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
									S	D	S	D	
17.5	215/75R17.5	135/133M	16	-	6.00	16.4	30.2	8.3	4805	4540	125	125	
	235/75R17.5	143/141K	18	-	6.75	16.4	31.4	9.2	6005	5675	110	110	
19.5	225/70R19.5	128/126M	14	-	6.75	16.4	31.9	8.9	3970	3750	95	95	
	245/70R19.5	136/134M	16	-	7.50	16.4	33.0	9.8	4805	4540	120	120	
	265/70R19.5	143/141M	16	-	7.50	16.4	34.1	10.3	6005	5675	125	125	
22.5	11R22.5	148/145M	16	-	8.25	18.9	41.5	11.0	6940	6395	123	123	
	255/70R22.5	140/137M	16	-	7.50	17.6	36.6	10.0	5510	5070	120	120	
	295/75R22.5	144/141M	14	-	9.00	18.9	39.9	11.7	6175	5675	110	110	
	315/80R22.5	156/150M	20	-	9.00	20.8	42.4	12.3	8820	7390	125	125	
24.5	11R24.5	149/146M	16	-	8.25	18.9	43.5	11.0	7160	6610	120	120	
	285/75R24.5	144/141M	14	-	8.25	18.9	41.3	11.1	6175	5675	110	110	

### R-AH 811



#### FEATURES

- Advanced tread compound
- Four steel belt construction
- Circumferential grooves

#### BENEFITS

- Delivers good grip and handling
- Provides excellent durability
- Ensure good water evacuation and aquaplaning resistance

RIM	SIZE	LI/S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
								S	D	S	D	
22.5	10R22.5	144/142M	16	7.50	17.6	40.1	10.0	6175	5840	130	130	

### R-AH 821



#### FEATURES

- Advanced tread compound
- Four steel belt construction
- Six rib, five zig-zag shaped grooves

#### BENEFITS

- Offers excellent mileage and low heat generation
- Delivers excellent durability and high load carrying capability
- Provides excellent traction and water clearance

RIM	SIZE	LI/S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
									S	D	S	D	
22.5	385/65R22.5	160K (158L)	20	-	11.75	20.2	42.2	15.3	9910		130		
	425/65R22.5	165K	20	-	13.00	21.4	44.3	16.9	11350		125		

**R-DH 615**



**FEATURES**

- Deep tread pattern
- Trapezoidal tread block design
- Closed shoulder design

**BENEFITS**

- Provides superior drive and high mileage
- Delivers good driving grip and stability
- Provides good directional stability and low rolling resistance

RIM	SIZE	LI/S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
									S	D	S	D	
22.5	11R22.5	148/145L	16	M+S, 3PMSF	8.25	30.2	41.5	11.0	6940	6395	123	123	
	295/75R22.5	144/141L	14	M+S, 3PMSF	9.00	25.8	39.9	11.7	6175	5675	110	110	
24.5	11R24.5	149/146M	16	M+S, 3PMSF	8.25	30.2	43.5	11.0	7160	6610	120	120	
	285/75R24.5	144/141L	14	M+S	8.25	25.8	41.3	11.1	6175	5675	110	110	

**R-TH 021**



**FEATURES**

- Low rolling resistance compound
- Four steel belt construction
- Closed shoulder design

**BENEFITS**

- Delivers good fuel efficiency
- Provides high load carrying capability
- Provides even wear and good mileage

RIM	SIZE	LI/S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
								S	D	S	D	
22.5	11R22.5	144/142M	16	8.25	13.2	41.5	11.0	6175	5840	105	105	
	255/70R22.5	140/137M	16	7.50	13.2	36.6	10.0	5510	5070	120	120	
	295/75R22.5	144/141M	14	9.00	13.2	39.9	11.7	6175	5675	110	110	

**R-DH 805**



**FEATURES**

- Interlocking tread block design
- Three zig-zag circumferential grooves
- Closed shoulder with shallow groove design

**BENEFITS**

- Delivers good tread stability and durability
- Provides good water dispersal
- Ensures even wear and provides excellent traction

RIM	SIZE	LI/S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
									S	D	S	D	
19.5	225/70R19.5	128/126J	14	M+S, 3PMSF	6.75	18.9	31.9	8.9	3970	3750	95	95	
	245/70R19.5	136/134M	16	M+S, 3PMSF	7.50	18.9	33.0	9.8	4805	4540	120	120	

**R-TH 501**



**FEATURES**

- Optimized tread compound
- Four steel belt construction
- Closed shoulder design

**BENEFITS**

- Provides even wear and skid resistance
- Provides high load carrying capability
- Ensures cooler running and good fuel efficiency

RIM	SIZE	LI/S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
								S	D	S	D	
16	ST225/90R16	128/124K	14	6.00	15.1	31.7	8.5	3970	3525	120	120	

## R-TH 621



### FEATURES

- Enhanced tread compound
- Four steel belt construction
- Notched shoulder design

### BENEFITS

- Offers safety on wet roads
- Offers high load carrying ability
- Provides excellent heat dissipation for cooler running

RIM	SIZE	LI./S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL
								S	D	S	D	
16	ST235/85R16	129/125L	14	6.50	12.6	31.7	9.3	4080	3640	110	110	

## R-TH 921



### FEATURES

- Advanced tread compound
- Reinforced carcass construction
- Open shoulder design

### BENEFITS

- Offers good wet grip for safety on wet roads
- Offers high load carrying ability and durability
- Provides excellent heat dissipation for cooler running and efficient water evacuation

RIM	SIZE	LI./S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL
								S	D	S	D	
16	ST235/80R16	129/125L	14	6.50	11.9	30.7	9.2	4070	3645	110	110	*

## R-TH 861



### FEATURES

- Optimized tread pattern with circumferential grooves
- Computer optimized tire profile
- Six rib design with closed shoulder

### BENEFITS

- Provides excellent stability and water clearance
- Offers wide footprint for even load distribution
- Provides excellent tread wear

RIM	SIZE	LI./S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL
								S	D	S	D	
22.5	385/65R22.5	160K (158L)	20	11.75	18.9	42.2	15.3	9910		130		



### R-AM 112



#### FEATURES

- Advanced silica tread compound
- Four zig-zag circumferential ribs
- Classic pattern design

#### BENEFITS

- Provides improved traction and abrasion resistance
- Offers good directional stability
- Prevents uneven wear and effectively ejects stones from the grooves

RIM	SIZE	LI/S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL
								S	D	S	D	
22.5	11R22.5	148/145M	16	8.25	19.5	41.5	11.0	6940	6395	123	123	
24.5	11R24.5	149/146M	16	8.25	19.5	43.5	11.0	7160	6610	120	120	

# MIXED SERVICE

### R-AM 625



#### FEATURES

- Interlocking tread block design
- Notched shoulder design
- Optimized tread width

#### BENEFITS

- Provides good tread stability and mechanical grip
- Delivers good heat dissipation for cooler running
- Provides balanced load distribution

RIM	SIZE	LI/S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL
									S	D	S	D	
22.5	385/65R22.5	160K (158L)	20	M+S, 3PMSF	11.75	22.0	42.2	15.3	9910		130		
	425/65R22.5	165J	20	M+S, 3PMSF	13.00	22.0	44.3	16.9	11350		125		

**R-AM 915**



**FEATURES**

- Advanced tread compound
- Closed shoulder with unique notch design
- Deep tread pattern

**BENEFITS**

- Provides excellent durability with high cut and chip resistance
- Provides improved fuel efficiency, even wear and cooler running
- Provides superior grip and high mileage

RIM	SIZE	LI./S.R.	P.R.	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL
								S	D	S	D	
22.5	11R22.5	148/145L	16	8.25	19.5	41.5	11.0	6940	6395	123	123	

**R-DM 815**



**FEATURES**

- Reinforced belt structure
- Staggered tread block design
- Wide foot print and square shoulder design

**BENEFITS**

- Provides excellent tire durability
- Optimizes regular wear
- Offers improved stability and mileage

RIM	SIZE	LI./S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL
									S	D	S	D	
22.5	11R22.5	148/145L	16	M+S, 3PMSF	8.25	23.9	41.5	11.0	6940	6395	123	123	
	295/75R22.5	144/141L	14	M+S	9.00	25.8	39.9	11.7	6175	5675	110	110	
24.5	11R24.5	149/146L	16	M+S, 3PMSF	8.25	23.9	43.5	11.0	7160	6610	120	120	
	285/75R24.5	144/141L	14	M+S	8.25	25.8	41.3	11.1	6175	5675	110	110	



**R-DO 825**



**FEATURES**

- Wide foot print and square block design
- Open shoulder design
- Multiple stone ejectors and cut and chip tread compound

**BENEFITS**

- Provides excellent mud, snow and ice traction
- Delivers excellent off-road traction
- Provides excellent performance in quarries and rough terrains

RIM	SIZE	LI/S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
									S	D	S	D	
22.5	11R22.5	146/143J	16	-	8.25	31.5	41.5	11.0	6610	6005	120	120	*
24.5	11R24.5	146/143J	16	M+S, 3PMSF	8.25	31.5	43.5	11.0	7160	6610	120	120	*

**OFF-ROAD**

**R-DW 507**



**FEATURES**

- Deep block tread design and heavy density sipes
- Wide footprint with stone ejectors and deep grooves
- Reinforced casing with sidewall protector rib

**BENEFITS**

- Provides good grip in severe ice and snow conditions
- Offers excellent traction, even wear and prevents stone drilling
- Enhances casing durability and retreadability

RIM	SIZE	L.I./S.R.	P.R.	MARKINGS	APPROVED RIM (IN)	TREAD DEPTH (1/32IN)	OVERALL DIAMETER (IN)	OVERALL WIDTH (IN)	MAX LOAD (LBS)		MAX PRESSURE (PSI)		AVAIL.
									S	D	S	D	
22.5	11R22.5	148/145M	16	M+S, 3PMSF	8.25	26.5	41.5	11.0	6940	6395	123	123	*
24.5	11R24.5	146/143M	16	M+S, 3PMSF	8.25	27.7	43.9	11.0	7160	6610	120	120	*

**WINTER**

*Product availability and technical specifications are subjected to change without prior notice. Please write to us at [info@omni-united.com](mailto:info@omni-united.com) for the latest information.*

\* = Coming soon

# WARRANTY

## RADAR TIRES COMMERCIAL TRUCK & BUS RADIAL (TBR) LIMITED WARRANTY

### ELIGIBILITY

- This limited warranty applies to the original purchaser of a replacement Radar Tires Truck & Bus Radial (TBR) bearing the DOT mark and are not branded Not Adjustable (NA).
- Eligible tires must be purchased new and used on the vehicle that they were originally installed on.
- The tires must be the same size, load index, and speed rating as the OE fitment or an acceptable alternative as specified by the vehicle manufacturer.
- The tires were bought and used in the United States and Canada only.
- This warranty succeeds all previous warranties and applies to tires purchased after April 1st, 2018. Tires purchased prior to this date are covered by the previous warranty.
- Proof of purchase is required for all warranty claims.
- This warranty is applicable in the USA and Canada only.

### WHAT IS COVERED AND FOR HOW LONG

All Radar TBR tires are warranted against defects in workmanship and material and will be replaced 100% free of charge for the initial warranty period which is the first 2/32" (1.6mm) of original usable tread life, or within 12 months from the period of purchase, whichever comes first.

After the 100% replacement term expires and the tire is still within 60 months from the date of manufacture, the amount of credit will be determined by the percentage of original tread depth remaining on the tire. Under all circumstances, the cost of mounting, balancing and any other service charges including applicable taxes are required to be paid by the consumer.

### WARRANTY PERIOD

This warranty policy shall not apply to tires five (5) years or older from the date of manufacture or three (3) years or older from the original date of purchase. Adjustments will be made on a pro rata basis determined on tread wear and tire age.

### WHAT IS NOT COVERED

All warranties will be null and void if any of the following conditions are found to exist:

- Tires transferred from the vehicle on which they were originally installed.
- Tires acquired as used (tires purchased used, equipped on a pre-owned vehicle etc.)
- Misapplication: insufficient speed rating, load index, undersized or oversized tires or running in an under or over inflated condition.
- Tires damaged from dealer/retailer services: mounting, dismounting, balancing, studding, tire rotation, wheel alignment or even re-treading.
- Uniformity issues after the first 2/32" (1.6mm) of tread wear or ride complaints after the first 2/32" (1.6mm) of tread wear.
- Tires injected with liquid balancer or sealant or any other balancing/sealing material or insert.
- Tires which have been modified by the addition or removal of material or any tire intentionally altered to change its appearance.
- Tires which become unserviceable because of tire operation in excess of tire/wheel manufacturers' specifications and recommendations, including spinning.

- Tires improperly repaired or with repairs not conforming to relevant Rubber Manufacturers Association standards, or with section repairs, or with a self-vulcanizing plug only or patch only.
- Tires which have been altered in any manner (additional siping, buffing, stud pin holes etc.) – or tires damaged from improper mounting.
- Tires damaged due to conditions from the re-tread process.
- Multiple tires removed when only one tire can be claimed, or is suspect of a claim.
- Ride complaints after the first 2/32" (1.6mm) of tread wear.
- Tire complaints because of mechanical irregularities in the vehicle such as misalignment, defective brakes, defective shock absorbers or struts, or improper rims etc.
- Tires damaged by fire, chemical corrosion, vandalism, wrecks, chains, theft, run while flat, underinflated, overinflated or abused during servicing.
- Tires affected by flat spotting caused by improper transport or storage or hard braking/driving (showing as irregular wear).
- Tires which become unserviceable because of road hazard injuries (e.g., nails, glass, metal objects) or other penetrations or snags, bruises or impact damage.
- Tires with weather / ozone cracking over (4) four years from date of manufacture or date of purchase. Proof of purchase is required. Without proof of purchase the warranty will be four years from the manufactured date (DOT).
- Mileage or tread wear is not covered.

### CASING WARRANTY

Casing allowance as per Table 1.1 will be applicable to a Radar TBR tire if the above eligibility conditions are met and the tire is still in warranty period as specified above.

For the patterns and sizes listed in Table 1.1 the casing warranty is valid through 100% of the life of the 2nd retread for a period of four (4) years from the date of casing manufacture or proof of purchase if available, whichever comes first.

### OWNER'S OBLIGATION

In order to be eligible for the limited warranty service, the owner must:

- Present the warrantable tire to an authorized Radar Tires TBR dealer ideally from whom the original purchase was made.
- Present proof of purchase in the form of the original purchase receipt.
- Present all receipts to the authorized Radar Tires TBR dealer reflecting all required services as recommended by the vehicle manufacturer. The costs related to mounting, balancing and any other service charges including applicable taxes are not covered under this warranty.

### HOW TO MAKE A CLAIM UNDER THIS LIMITED WARRANTY

The owner, when making a claim under the terms of this warranty, must present the tire along with proof of purchase to any authorized Radar Tires TBR dealer. If further assistance or information is needed, please write to us on info@omni-united.com

### DISCLAIMER

This warranty or any warranty stated or referred to herein is exclusive and in lieu of any other warranty regarding the quality of the tires, whether expressed or implied and remedies for breach thereof shall be limited to those specifically provided herein.

# WARRANTY

PATTERN	SIZE	CASING ALLOWANCE (\$)
R-AH 531	10R17.5	20
R-AH 612, R-DH 805	215/75R17.5	25
R-AH 612, R-DH 805	235/75R17.5	25
R-AH 612	8R19.5	15
R-AH 612, R-DH 805	225/70R19.5	25
R-AH 612, R-DH 805	245/70R19.5	25
R-AH 612, R-DH 805	265/70R19.5	25
R-AH 811	10R22.5	40
R-AH 611, R-AH 612, R-DH 615, R-TH 021, R-AM 112, R-AM 915, R-DM 815, R-AO 503, R-AO 825, R-DW 107, R-DW 507	11R22.5	50
R-AH 612, R-DM 203	12R22.5	50
R-AH 612, R-AM 102, R-DM 823	13R22.5	50
R-AH 612, R-TH 021	255/70R22.5	35
R-AH 612	275/70R22.5	50
R-AH 611, R-AH 612, R-DH 615, R-TH 021, R-DM 815	295/75R22.5	50
R-AH 612	295/80R22.5	50
R-AH 612, R-AM 102	315/80R22.5	50
R-AH 821, R-TH 861, R-AM 625	385/65R22.5	60
R-AH 821, R-AM 625	425/65R22.5	60
R-AH 611, R-AH 612, R-DH 615, R-TH 021, R-AM 112, R-DM 815, R-AO 603, R-AO 825, R-DW 507	11R24.5	50
R-AH 611, R-AH 612, R-DH 615, R-TH 021, R-DM 815	285/75R24.5	40

Table 1.1

### LEGEND

#### GENERAL

L.I. = Load Index, S.R. = Speed Rating, P.R. = Ply Rating, IN = Inches  
LBS = Pounds, PSI = Pounds per Square Inch, S = Single, D = Dual  
Avail = Available, \* = Coming Soon

#### SPEED RATING

J = 62 mph; 100 km/h, K = 68 mph; 110 km/h, L = 75 mph; 120km/h  
M = 81mph; 130km/h.

#### MARKINGS

M+S = Mud and Snow, 3PMSF = Three Peak Mountain Snow Flake





OMNI UNITED

[www.omni-united.com](http://www.omni-united.com) | [info@omni-united.com](mailto:info@omni-united.com)