

PRINX
TIRES

2026 Commercial Tires

prinxtireusa.com

2026 Commercial Tires

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PRINX
TIRES

Every effort has been made to verify the accuracy of the listed specifications. Prinx Chengshan Tire North America, Inc. and Prinx Tires USA cannot be held responsible for any discrepancies, and as such, the information should be considered as approximate.

Practical performance



for the long haul.™

Our unique combination of **quality, durability, competitive pricing, and selection** is everything you need to make Prinx Tires your go-to value tier solution.

Prinx Tires is a value tier brand led by a group of renowned industry veterans and backed by a parent company that owns and operates some of the largest and most modern production facilities in the world. These resources allow us to develop products of the highest quality in a broad range of sizes, at a price point that leaves room for you to make your margin and your customers to meet their budgets.

Prinx stands out in other ways too, especially to commercial truck drivers and servicing dealers. We recognize that instead of speed or swagger, we measure performance in safely delivering cargo, efficiently handling daily routes, and confidently maneuvering rugged construction sites. Our tires are designed to meet these practical everyday goals.

Prinx is dedicated to practical performance “for the long haul,” underscoring our commitment to building enduring relationships that you and your customers can count on today, and down the road.




Scan to follow us on our social accounts

We look forward to discussing your business soon. Contact us at info@prinx.us.com

LONG HAUL

PSL1^{ET}

An advanced long haul steer tire that prioritizes sustainability and delivers exceptional performance and efficiency.

APPLICATION



1. Extended Lifespan

Continuous shoulder rib with decoupling groove promotes even wear and increases mileage over the life of the tire

2. Stone Drilling Protection

Stone ejector grooves effectively prevent stone drilling—preserving the casing and ensuring maximum retreadability

3. Exceptional Wet Braking

Innovative groove and rib siping improves wet braking and handling

4. Value Engineered Casing

Durable casing design delivers dependable performance and long-term cost savings

QUALIFICATIONS

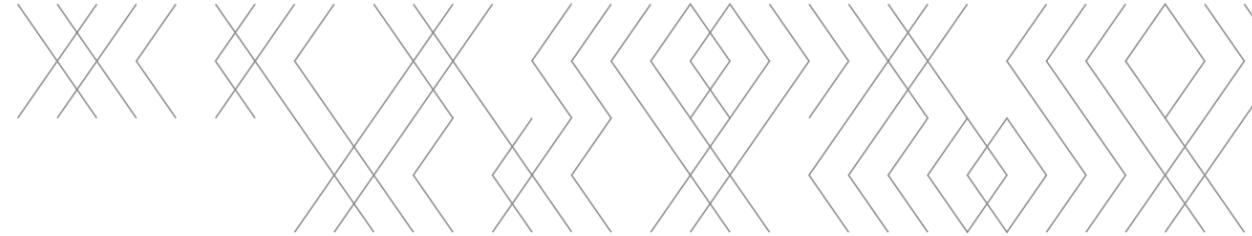


PSL1^{ET} is EPA SmartWay[®] verified for today's heavier, modern trucks, excelling in the most challenging long haul applications.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/ MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	16H	146/143L	20	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	503	118	1S+4S
11R24.5	16H	149/146L	20	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	477	126	1S+4S
295/75R22.5	14G	144/141L	20	6175	110	5675	110	9.00	8.25, 9.00	39.9	11.7	520	113	1S+4S
295/75R22.5	16H	149/146L	20	7160	123	6610	123	9.00	8.25, 9.00	39.9	11.7	520	113	1S+4S

All specifications subject to change



REGIONAL ALL-POSITION

AR602^{ET}

A premium 5-rib tire that prioritizes sustainability and is perfect for any regional trucking application.

APPLICATION



QUALIFICATIONS



1. Exceptional Wet Traction

5-rib / 4-groove design maximizes evacuation and braking in wet conditions

2. Superior Wear Pattern

Edge sipes along outside grooves help ensure even treadwear

3. Enhanced Traction & Heat Dispersion

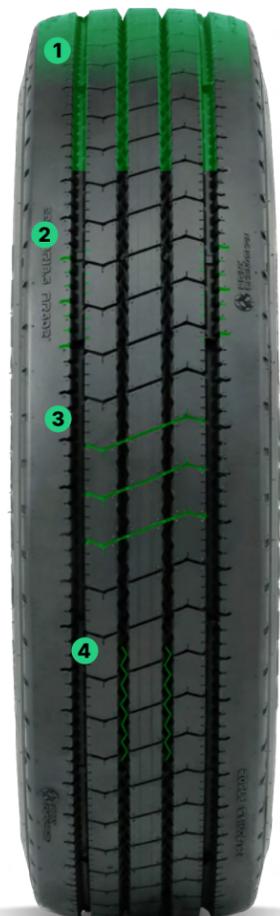
Sipes across the central rib facilitate better grip and help tires run cooler

4. Stone Drilling Protection

Stone ejector grooves effectively prevent stone drilling—preserving casing integrity and ensuring maximum retreadability

5. Reduced Chafing and Wear

Optimized bead bundle provides improved durability and performance



AR602^{ET} is EPA SmartWay[®] verified for low rolling resistance (LRR), reducing emissions and fuel use by more than 3%.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
10R22.5	14G	141/139L	18	5675	115	5355	115	7.50	6.75, 7.50, 8.25	40.1	10.0	516	100	1S+4S
11R22.5*	14G	144/142L	18	6175	105	5840	105	8.25	7.50, 8.25	41.5	11.0	501	111	1S+4S
11R22.5*	16H	146/143L	18	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	501	111	1S+4S
11R24.5*	14G	146/143L	18	6610	105	6005	105	8.25	7.50, 8.25	43.5	11.0	478	120	1S+4S
11R24.5*	16H	149/146L	18	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	478	120	1S+4S
215/75R17.5	16H	135/133L	15	4805	125	4540	125	6.00	6.00, 6.75	30.2	8.3	681	58	1S+4S
235/75R17.5	18J	143/141J	15	6005	125	5675	125	6.75	6.75, 7.50	31.4	9.2	662	67	1S+4S
245/70R17.5	18J	136/134M	17	4940	125	4675	125	7.50	6.75, 7.50	31.1	9.8	670	70	1S+4S
245/70R17.5	18J	143/141J	17	6005	125	5675	125	7.50	6.75, 7.50	31.1	9.8	670	70	1S+4S
225/70R19.5^	12F	125/123N	15	3640	95	3415	95	6.75	6.00, 6.75	31.9	8.9	648	65	1S+3S
225/70R19.5^	14G	128/126N	15	3970	110	3750	110	6.75	6.00, 6.75	31.9	8.9	648	65	1S+3S
245/70R19.5	14G	133/131N	16	4540	110	4300	110	7.50	6.75, 7.50	33.0	9.8	627	72	1S+4S
245/70R19.5	16H	136/134N	16	4940	120	4675	120	7.50	6.75, 7.50	33.0	9.8	627	72	1S+4S
265/70R19.5	14G	137/134M	18	5070	110	4675	110	7.50	7.50, 8.25	34.1	10.3	605	83	1S+4S
255/70R22.5	16H	140/137M	17	5510	120	5070	120	7.50	7.50, 8.25	36.6	10.0	567	85	1S+4S
275/70R22.5	18J	148/145L	18	6940	130	6395	130	8.25	8.25, 9.00	37.7	10.9	546	106	1S+4S
295/75R22.5*	14G	144/141L	18	6175	110	5675	110	9.00	8.25, 9.00	39.9	11.7	519	106	1S+4S
295/75R22.5*	16H	146/143L	18	6610	120	6005	120	9.00	8.25, 9.00	39.9	11.7	519	106	1S+4S
285/75R24.5*	14G	144/141L	18	6175	110	5675	110	8.25	7.50, 8.25, 9.00	41.3	11.1	503	112	1S+4S
285/75R24.5*	16H	147/144L	18	6780	120	6175	120	8.25	7.50, 8.25, 9.00	41.3	11.1	503	112	1S+4S

*Select sizes are EPA SmartWay[®] verified
^3-belt construction

All specifications subject to change

REGIONAL

AR603

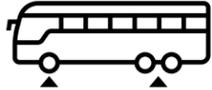
An all-weather motorcoach tire that handles impeccably and is celebrated for its durability.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
315/80R22.5	20L	161/157L	20	10000	130	9090	130	9.00	9.00, 9.75	42.4	12.3	488	147	1S+4S

All specifications subject to change

APPLICATION



1. Alignment-Friendly

Markings located on the solid shoulders readily identify any vehicle alignment issues

2. Exceptional Wear Pattern

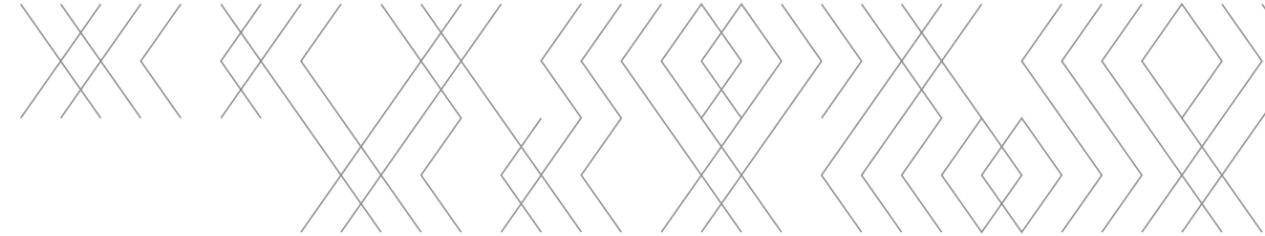
Multi-angle grooves contribute to tread rigidity—and combined with optimized rib widths, provide a more uniform wear pattern

3. Superior Traction

Specialized siping improves grip with a consistent, regular footprint

4. Performance Rated

This tire is 3PMS certified and L-speed rated up to 75 MPH



QUALIFICATIONS



AR603 is 3PMS-rated for superior value-tier performance across a mix of rain, heat, and snow.

LONG HAUL

DH106^{ET}

A durable closed shoulder, drive tire with a deep, modern tread design and remarkable long haul lifespan.

APPLICATION



QUALIFICATIONS



1. Extended Lifespan

Closed shoulder design and deep tread depth of 30/32nds promotes even wear and increases mileage over the life of the tire

2. Stone Drilling Protection

Stone ejector grooves effectively prevent stone drilling—preserving the casing and ensuring maximum retreadability

3. Exceptional Traction & Mileage

Specialized tread blocks add stability, grip, and overall durability

4. Better Starts & Stops

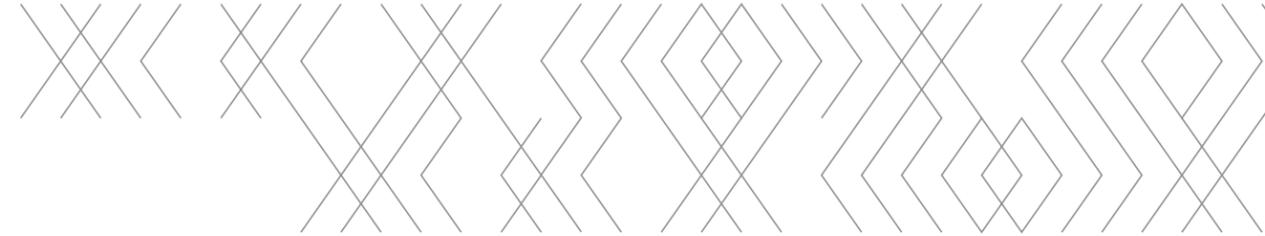
Optimized siping enhances starts, acceleration, and braking



7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	14G	144/142L	30	6175	105	5840	105	8.25	7.50, 8.25	41.5	11.0	493	133	1S+4S
11R22.5	16H	146/143L	30	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	493	133	1S+4S
11R24.5	14G	146/143L	30	6610	105	6005	105	8.25	7.50, 8.25	43.5	11.0	471	142	1S+4S
11R24.5	16H	149/146L	30	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	471	142	1S+4S
295/75R22.5	14G	144/141L	30	6175	110	5675	110	9.00	8.25, 9.00	39.9	11.7	508	130	1S+4S
295/75R22.5	16H	146/143L	30	6610	120	6005	120	9.00	8.25, 9.00	39.9	11.7	508	130	1S+4S
285/75R24.5	14G	144/141L	30	6175	110	5675	110	8.25	7.50, 8.25, 9.00	41.3	11.1	494	134	1S+4S
285/75R24.5	16H	147/144L	30	6780	120	6175	120	8.25	7.50, 8.25, 9.00	41.3	11.1	494	134	1S+4S

All specifications subject to change



DH106^{ET} is EPA SmartWay[®] verified for low rolling resistance (LRR), reducing emissions and fuel use by more than 3%.

LONG HAUL

DH131

A closed shoulder drive tire built for regional highway use that prioritizes value and overall dependability.

APPLICATION



- 1. Optimized Performance**
Closed shoulder design facilitates high-speed performance, increases mileage, and minimizes wear
- 2. Exceptional Traction**
Specialized tread blocks increase surface area and tire grip
- 3. Enhanced Heat Dispersion**
Unique siping helps tires run cooler
- 4. Stone Drilling Protection**
Stone ejector grooves effectively prevent stone drilling—preserving the casing and ensuring maximum retreadability

QUALIFICATIONS

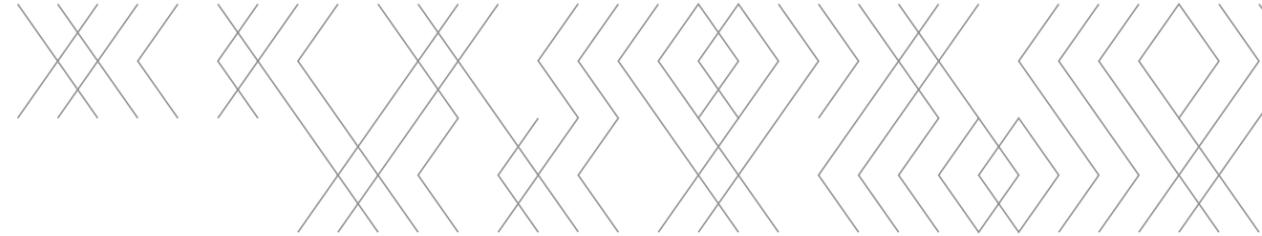


DH131 delivers the perfect combination of value and practical performance for a regional drive tire.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	14G	144/142L	26	6175	105	5840	105	8.25	7.50, 8.25	41.5	11.0	495	121	1S+4S
11R22.5	16H	146/143L	26	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	495	121	1S+4S
11R24.5	14G	146/143L	26	6610	105	6005	105	8.25	7.50, 8.25	43.5	11.0	472	130	1S+4S
11R24.5	16H	149/146L	26	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	472	130	1S+4S
295/75R22.5	14G	144/141L	26	6175	110	5675	110	9.00	8.25, 9.00	39.9	11.7	513	114	1S+4S
295/75R22.5	16H	146/143L	26	6610	120	6005	120	9.00	8.25, 9.00	39.9	11.7	513	114	1S+4S

All specifications subject to change



DR601^{ET}

An open shoulder drive tire for challenging conditions that require added traction and control.

APPLICATION



1. Added Traction

Open shoulder design, with exposed tread blocks, improves grip along outer edges of the tire

2. Exceptional Wear Pattern

Tie-bar linked tread blocks prevent irregular wear

3. Structurally Enhanced

Unique siping helps maintain block rigidity and overall integrity of the tire

4. Superior Durability

Robust 4-belt construction preserves the casing and ensures maximum retreadability

QUALIFICATIONS



DR601^{ET} is EPA SmartWay[®] verified for low rolling resistance (LRR), reducing emissions and fuel use by more than 3%.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5*	14G	144/142L	26	6175	105	5840	105	8.25	7.50, 8.25	41.5	11.0	495	118	1S+4S
11R22.5*	16H	146/143L	26	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	495	118	1S+4S
11R24.5*	14G	146/143L	26	6610	105	6005	105	8.25	7.50, 8.25	43.5	11.0	475	130	1S+4S
11R24.5*	16H	149/146L	26	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	475	130	1S+4S
225/70R19.5^	14G	128/126N	19	3970	110	3750	110	6.75	6.00, 6.75	31.9	8.9	645	65	1S+3S
245/70R19.5	14G	133/131N	19	4540	110	4300	110	7.50	6.75, 7.50	33.0	9.8	624	72	1S+4S
295/75R22.5*	14G	144/141L	26	6175	110	5675	110	9.00	8.25, 9.00	39.9	11.7	510	115	1S+4S
295/75R22.5*	16H	146/143L	26	6610	120	6005	120	9.00	8.25, 9.00	39.9	11.7	510	115	1S+4S
285/75R24.5*	14G	144/141L	26	6175	110	5675	110	8.25	7.50, 8.25, 9.00	41.3	11.1	498	119	1S+4S
285/75R24.5*	16H	147/144L	26	6780	120	6175	120	8.25	7.50, 8.25, 9.00	41.3	11.1	498	119	1S+4S

*Select sizes are SmartWay[®] verified
^3-belt construction

All specifications subject to change

WINTER DRIVE

PDW1

A premium winter drive tire built to perform flawlessly in snow and ice across regional highways and roads.

APPLICATION



QUALIFICATIONS



- 1. Special Winter Tread Compound**
Unique mixture provides enhanced ice and snow performance
- 2. Exceptional Ice & Snow Traction**
Three main zigzag grooves and two auxiliary grooves ensure tread stiffness and handling
- 3. Superior Snow Removal**
3PMS-rated, open shoulder groove design increases the snow removal and anti-sideslip capability of the tire
- 4. Exceptional Wear Pattern**
Tie-bar linked tread blocks prevent irregular wear when tires are newer and enhanced, full-depth, 3D siping helps maintain grip as tires age
- 5. Optimized Footprint**
Engineered shoulder block ratio and tread design, combined with high tension steel belts, reduce tread deformation in the footprint leading to better traction

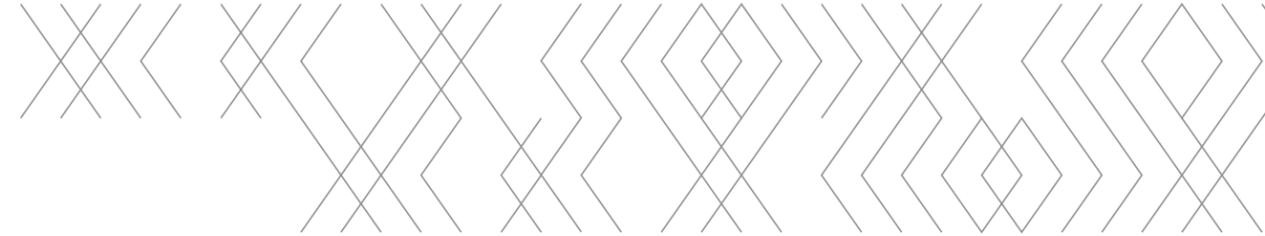


PDW1 boasts an open shoulder groove design that effectively flushes out snow and slush to increase contact with the road.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/ MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	16H	146/143L	27	6610	120	6610	120	8.25	7.50, 8.25	41.9	11.0	497	130	1S+4S
11R24.5	16H	149/146L	27	7160	120	6610	120	8.25	7.50, 8.25	43.9	11.0	474	139	1S+4S
225/70R19.5^	14G	128/126N	21	3965	110	3745	110	6.75	6.00, 6.75	32.2	8.9	644	68	1S+3S
245/70R19.5	16H	135/133N	21	4805	120	4540	120	7.50	6.75, 7.50	33.3	9.8	627	81	1S+4S
295/75R22.5	16H	146/143L	27	6610	120	6005	120	9.00	8.25, 9.00	30.8	11.7	510	129	1S+4S

All specifications subject to change



LONG HAUL TRAILER

TH107^{ET}

A dependable, highly efficient, long haul trailer tire that prioritizes stability and consistent performance.

APPLICATION



QUALIFICATIONS



1. Extended Lifespan

Optimized shoulder design improves mileage over the life of the tire

2. Stone Drilling Protection

Stone ejectors effectively prevent stone drilling—preserving the casing and ensuring maximum retreadability

3. Enhanced Heat Dispersion

Unique siping helps tires run cooler

4. Streamlined Wear Pattern

Optimized footprint for low rolling resistance and even wear

5. Increased Wet Traction

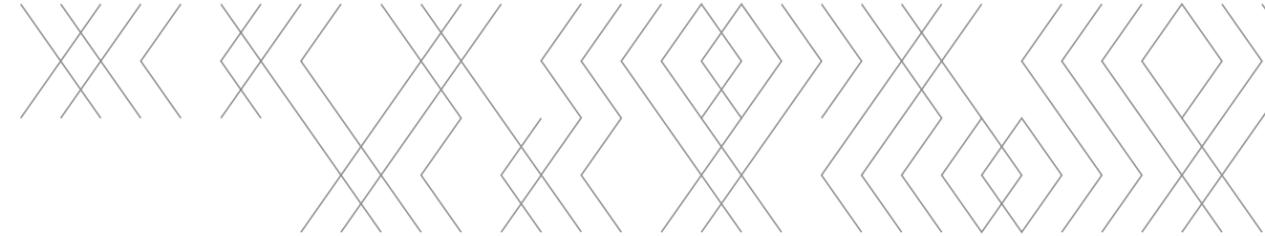
5-rib / 4-groove design maximizes water evacuation and braking in wet conditions



7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/ MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	14G	144/142L	12	6175	105	5840	105	8.25	7.50, 8.25	41.5	11.0	507	104	1S+4S
11R24.5	14G	146/143L	12	6610	105	6005	105	8.25	7.50, 8.25	43.5	11.0	483	112	1S+4S
295/75R22.5	14G	144/141L	12	6175	110	5675	110	9.00	8.25, 9.00	39.9	11.7	524	100	1S+3S
285/75R24.5	14G	144/141L	12	6175	110	5675	110	8.25	7.50, 8.25, 9.00	41.3	11.1	507	105	1S+4S

All specifications subject to change



TH107^{ET} is EPA SmartWay[®] verified for low rolling resistance (LRR), reducing emissions and fuel use by more than 3%.

SEVERE SERVICE TRAILER

PTL1

A severe service, spread-axle trailer tire that is engineered for high-scrub, extreme hauling conditions.

APPLICATION



QUALIFICATIONS



- 1. Spread-Axle Optimized**
Specialized shoulder design disperses lateral forces generated during sharp turning
- 2. Structurally Enhanced**
Zigzag grooves improve stability of shoulder pattern blocks and minimize lateral force impact
- 3. Increased Wet Traction**
Shoulder groove gradient design improves water dispersion
- 4. Stone Drilling Protection**
Stone ejectors effectively prevent stone drilling—preserving the casing integrity and ensuring maximum retreadability
- 5. High-Load Optimized**
Big bead filler and high-strength rim cushions handle heavy spread axle loads

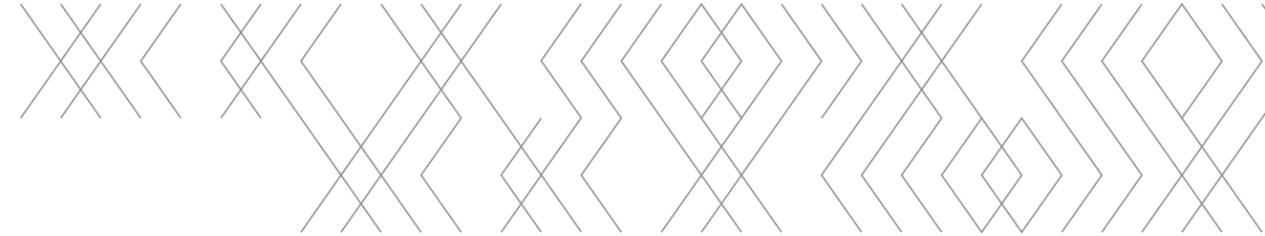


PTL1 uses an advanced compound for high-scrub applications unique to the spread-axle tire.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/ MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	14G	144/142L	16	6175	105	5840	105	8.25	7.50, 8.25	41.5	11.0	506	113	1S+4S
11R22.5	16H	146/143L	16	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	506	113	1S+4S
11R24.5	14G	146/143L	16	6610	105	6005	105	8.25	7.50, 8.25	43.5	11.0	482	121	1S+4S
11R24.5	16H	149/146L	16	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	482	121	1S+4S
255/70R22.5	16H	140/137L	16	5510	120	5070	120	7.50	7.50, 8.25	36.6	10.0	570	87	1S+4S
295/75R22.5	14G	144/141L	16	6175	110	5675	110	9.00	8.25, 9.00	39.9	11.7	520	108	1S+4S
295/75R22.5	16H	149/146L	16	7160	123	6610	123	9.00	8.25, 9.00	39.9	11.7	520	108	1S+4S

All specifications subject to change



MIXED SERVICE

AM210

A heavy duty, all-position tire designed to be the workhorse of your on/off-road mixed service fleet.

APPLICATION



1. Chip & Cut Resistant

Special compound yields longer tire life and resistance to scrapes, chips, and cuts

2. Improved Wear Pattern

Unique 4-rib pattern streamlines tread wear

3. Added Traction

Zigzag design improves grip

4. Extended Lifespan

Advanced wear resistant compound and low void ratio improve mileage over the life of the tire

5. Balanced Tread

Optimized footprint for improved weight distribution

QUALIFICATIONS



M+S

7 Years

3 Retread



AM210-A
5-rib design

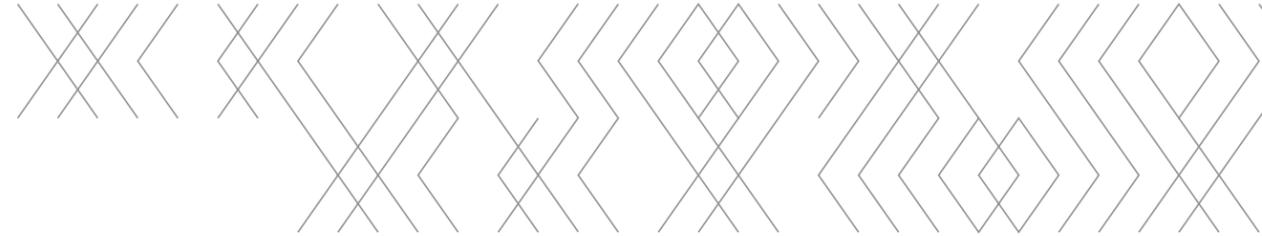
AM210 is designed specifically for a mixed service fleet, including refuse trucks, cement mixers, and mining and logging vehicles.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	16H	146/143K	24	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	499	119	1S+4S
11R24.5	16H	149/146K	24	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	477	128	1S+4S
255/70R22.5	16H	140/137L	22	5510	120	5070	120	7.50	7.50, 8.25	36.6	10.0	565	96	1S+4S
275/70R22.5	18J	148/145K	23	6940	130	6395	130	8.25	8.25, 9.00	37.7	10.9	543	113	1S+4S
315/80R22.5	20L	161/157K	24	10000	130	9090	130	9.00	9.00, 9.75	42.4	12.3	485	144	1S+4S
315/80R22.5^	20L	161/157K	22	10200	130	9090	130	9.00	9.00, 9.75	42.4	12.3	487	150	1S+4S

*M+S rated size
^AM210-A 5-rib design

All specifications subject to change



MIXED SERVICE

AM211

A wide base, all-position, mixed service tire that capably handles any on/off-road assignment.

APPLICATION



QUALIFICATIONS



1. Chip & Cut Resistant

Special compound yields longer tire life and resistance to scrapes, chips, and cuts

2. Enhanced Heat Dispersion

Unique crown grooves help tires run cooler

3. Improved Wear Pattern

Tie-bar linked tread blocks prevent irregular wear

4. Improved Traction

Specialized tread blocks increase surface area and tire grip

5. Increased Durability

Robust 4-belt construction preserves the casing and ensures maximum retreadability

6. Improved Stability

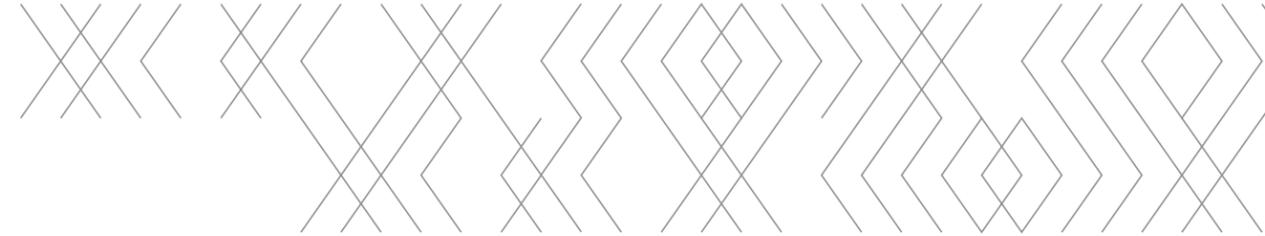
445/65R22.5 features a zero degree steel belt for improved stability under heavy loads

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
385/65R22.5	20L	160K	23	9920	130	NA	NA	11.75	11.75, 12.25	42.2	15.3	494	170	1S+4S
425/65R22.5	20L	165K	23	11400	120	NA	NA	12.25	11.75, 12.25, 13.00	44.3	16.6	470	195	1S+4S
445/65R22.5^	22M	169K	24	12800	130	NA	NA	13.00	13.00, 14.00	45.3	17.5	458	217	1S+5S

^5-belt construction

All specifications subject to change



AM211 is designed specifically for a mixed service fleet, including refuse trucks, cement mixers, and mining and logging vehicles.

MIXED SERVICE

DM212

The most aggressive, rugged, all-weather, open shoulder drive tire in our mixed service lineup.

APPLICATION



QUALIFICATIONS



1. Chip & Cut Resistant

Special compound yields longer tire life and resistance to scrapes, chips, and cuts

2. Structurally Enhanced

Casing design provides increased durability and optimal weight distribution

3. Aggressive Traction

Extra-deep grooves facilitate maximum tire grip

4. Stone Drilling Resistant

Tread base design is effective in ejecting stones to prevent casing damage

5. Optimized Performance

Low void design for enhanced driving performance in extreme conditions

6. Increased Durability

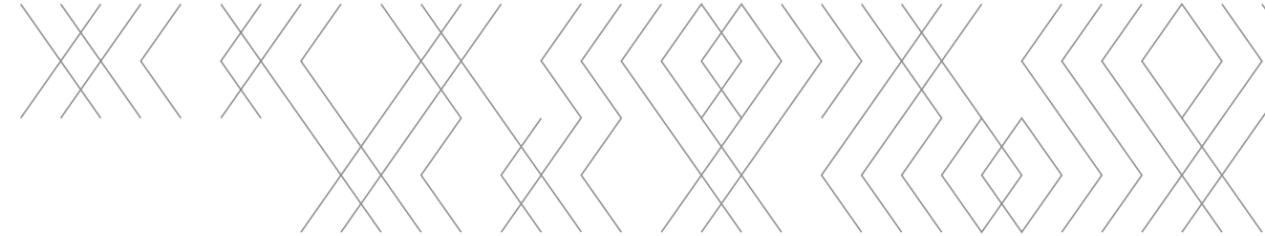
Robust 4-belt construction preserves the casing and ensures maximum retreadability



7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/ MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	16H	146/143K	29	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	494	124	1S+4S
11R24.5	16H	149/146K	29	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	476	134	1S+4S

All specifications subject to change



DM212 is 3PMS-rated for all-weather performance and designed for a mixed service fleet that includes construction and logging vehicles.

MIXED SERVICE

PDM1

A mixed service tire with extra-deep tread designed for reliable service and efficient performance.

7-YEAR / 3-RETREAD WARRANTY

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
11R22.5	16H	146/143K	32	6610	120	6005	120	8.25	7.50, 8.25	41.5	11.0	493	136	1S+4S
11R24.5	16H	149/146K	32	7160	120	6610	120	8.25	7.50, 8.25	43.5	11.0	470	145	1S+4S

All specifications subject to change

APPLICATION



1. Chip & Cut Resistant

Special compound yields longer tire life and resistance to scrapes, chips, and cuts

2. Optimized Tread Design

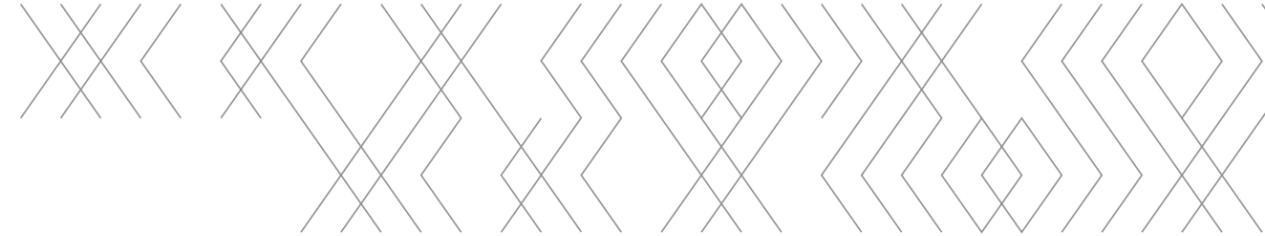
Offers even wear distribution, without sacrificing grip and stability

3. Stone Drilling Protection

Stone ejector grooves effectively prevent stone drilling—preserving casing integrity and ensuring maximum retreadability

4. Superior Durability

33/32nd tread depth extends tire life and reduces frequency of replacements



QUALIFICATIONS



PDM1 is a smart choice for those who value longevity and performance in tough environments. It stands as a testament to practical performance.

HEAVY DUTY TRAILER

ST02

A heavy duty, all-steel specialty trailer tire with increased load-bearing capacity and outstanding durability.

APPLICATION



1. Enhanced Durability

New polybutadiene rubber and optimized footprint shape ensures excellent wear-resistance performance

3. Stone Drilling Protection

Optimized tread groove geometry enhances stone ejection and reduces stone retention

2. Increased Traction

Unique sipe distribution offers good tire traction, handling and safety

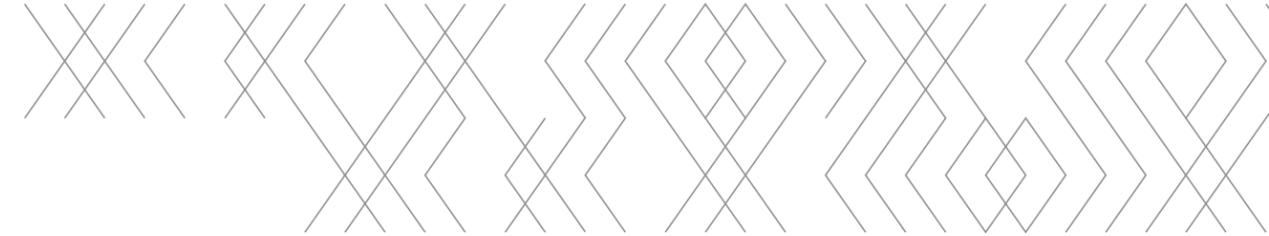
QUALIFICATIONS



▪ For trailer use only

TIRE SIZE	PR/LOAD RANGE	LOAD SPEED INDEX	TREAD DEPTH (32NDS)	MAX LOAD SINGLE (LBS)	MAX PRESSURE SINGLE (PSI)	MAX LOAD DUAL (LBS)	MAX PRESSURE DUAL (PSI)	MEASURING RIM	APPROVED RIM WIDTH (IN)	O.D. (IN)	S.W. (IN)	REVS/ MILE	WEIGHT (LBS)	TREAD CONSTRUCTION
ST225/90R16	14G	129/125L	13	4080	110	3640	110	6	6.00 - 7.00	31.8	8.7	654	60	1S+3S
ST235/85R16	14G	132/127L	12	4400	110	3860	110	6.5	6.00 - 7.50	31.7	9.3	657	61	1S+3S
ST235/80R16	14G	129/125L	12	4080	110	3640	110	6.5	6.00 - 8.00	30.8	9.3	675	60	1S+3S

All specifications subject to change



ST02 delivers the perfect combination of value and practical performance for a heavy duty specialty trailer tire.

2026 Limited Truck and Bus Radial Tire Warranty for USA and Canada

Effective January 1, 2026, this warranty governs tires purchased from that date onward. Tires obtained before January 1, 2026, fall under the terms of the previous warranty. All warranty claims for PRINX tires must be processed through the original seller or an authorized PRINX tire dealer.

Eligibility

YOU ARE COVERED UNDER THE TERMS OF THIS LIMITED WARRANTY IF:

- You are the original purchaser of new PRINX brand medium radial truck tires and
- Your tires bare Department of Transportation prescribed tire identification numbers and are not branded "NA" (Not Adjustable), or "Blem" (Blemish) and
- Your PRINX brand truck tires have been used only on the vehicle on which they were originally installed and the size, load range and speed rating are equivalent or greater than that specified or recommended by the vehicle manufacturer or tire manufacturer.
- Tire(s) submitted for adjustment have been used only in the application in which they are designed.
- The tire(s) must be purchased and used only in the United States, and Canada.
- Eligible proof of purchase must be presented to a PRINX authorized dealer as determined by Prinx Chengshan Tire North America.

What is covered and for how long?

NO-CHARGE REPLACEMENT

PRINX truck tires covered by this warranty that become unserviceable due to a defect in workmanship or material during the first 2/32nds of usable tread depth will be replaced with a comparable new PRINX tire without charge. The cost of mounting and balancing and other service charges, disposal fees or applicable taxes are payable by you.

PRORATED REPLACEMENT

Tires worn beyond the first 2/32nds of usable tread that become unserviceable due to a defect in workmanship or material will be replaced on a prorated basis. The cost of mounting and balancing and other service charges, disposal fees or applicable taxes are payable by you.

HOW PRORATED CHARGES ARE CALCULATED

The replacement price will be calculated by multiplying the dealer's current PRINX replacement tire price by the percent of usable tread remaining from the original tread. The cost of mounting, balancing, and other service charges, disposal fees, or applicable taxes are payable by you.

WHAT IS A COMPARABLE TIRE?

A "comparable" new PRINX tire may either be the same line of tire or, if the tire is not available, a tire of the same basic construction and quality with a different sidewall or tread design. 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 PRINX radial truck tire warranty in effect at the time of replacement.

What is not covered by this warranty?

- Tires branded or marked "Non-adjustable (N/A)", or "Blemished (Blem)", or previously adjusted.
- Irregular wear, fast wear-out or tire damage due to:
 - Road Hazards (including but not limited to punctures, cuts, snags, impact breaks, stone drill, bruise, bulge, etc.).
 - Wreck, collision, fire, vandalism, contamination or degradation by petroleum products or other chemicals.
 - Improper inflation, overloading, misapplication, misuse, negligence, high-speed tire spinning, chain damage, curbing, use of improper rim, tire alteration, improper mounting, or demounting
 - Mechanical condition of the vehicle, including but not limited to misalignment, wheel imbalance, faulty shocks or brakes, and worn suspension components.
- Ride disturbance after the first 2/32nds of tread depth or due to damaged wheels.
- Ozone or weather cracking on tires over four (4) years from the date of manufacture.
- Alteration of the tire or addition of alien material or transfer from one vehicle to another.
- Loss of time or use, inconvenience, or any incidental or consequential damages.
- Tires purchased or used outside the United States or Canada.

When does the warranty end?

When a PRINX tire has delivered its full original tread life down to 2/32nds remaining at any given spot in the tread area, or five (5) years from the date of original tire manufacture or new tire purchase date (without proof of purchase, date of manufacture will be used to determine age.) Casings may continue to be warranted beyond the new tire coverage. Please refer to the Radial Casing Warranty for warranty details on casings.

How do you obtain an adjustment?

In order to be eligible for PRINX Limited Warranty service, the owner must:

- Present the adjusted tire to an authorized PRINX dealer; and
- Present eligible proof of purchase (if applicable) to the dealer.

- Complete and sign a PRINX Warranty Claim Form, which is available at any authorized dealer; and
- Pay the amount due on a new tire, less the amount of credit, including taxes, mounting, and balancing charges or cost of other services ordered.

What is the radial casing warranty?

- Casings of PRINX radial truck tires are warranted for workmanship and materials through the life of the third retread for 7 years from the date of manufacturer. If the casing becomes unserviceable or unretreadable due to factors within manufacturer's control (see exclusions in the section what is not covered by this warranty), casing credit can be given towards the purchase price of a comparable new PRINX tire.
- Defects in workmanship and material found in the process of buffing for retread are warrantable.

Casing warranty is valid up to the 3rd retread and the number of retreads must be clearly identified on the casing sidewall.
- Tires used in mining & logging service are NOT covered under this casing warranty.
- Casing allowances are as follows:

Disclaimer

SIZES	1ST & 2ND RETREAD (USD)	3RD RETREAD (USD)
215/75R17.5 235/75R17.5 245/70R17.5	\$15.00	\$7.50
225/70R19.5 245/70R19.5 265/70R19.5	\$30.00	\$15.00
10R22.5	\$40.00	\$20.00
11R22.5 295/75R22.5	\$65.00	\$32.50
255/70R22.5 275/70R22.5	\$50.00	\$25.00
11R24.5 285/75R24.5	\$65.00	\$32.50
315/80R22.5	\$70.00	\$35.00
385/65R22.5 425/65R22.5 445/65R22.5	\$75.00	\$37.50

This warranty or any warranty stated or referred to herein, is exclusive and in lieu of any other warranty regarding the quality of PRINX branded tires, whether expressed or implied, and remedies for breach thereof shall be limited to those specifically provided herein. To the extent permitted by law, Prinx Chengshan Tire Co. Ltd cannot be held responsible for incidental and consequential damages, loss of time, loss of vehicle use, or inconvenience. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This limited warranty applies only to original purchasers actually purchasing and using the tire in the United States and Canada. Obligations under this policy may not be enlarged or altered by anyone. In Accordance with Federal Law, this limited warranty has been designated as a "Limited Warranty." Nothing in this limited warranty is intended to be a representation that tire failures cannot occur.

This Limited warranty is effective as of January 1, 2026, and replaces any previous limited warranties. Conditions and coverage are subject to change at any time without prior notice.

Retread specifications

TIRE SIZE	PATTERN	BUFF RADIUS		MAX BUFF WIDTH	
		INCHES	mm	INCHES	mm
10R22.5	AR602	30	760	7.5	190
	DH106 ^{ET}	36	920	9.5	245
	DH131	26	660	8.5	220
11R22.5	TH107	26	660	8.5	220
	AR602	36	920	8.5	220
	DR601 ^{ET}	26	660	8.5	225
	AM210	26	660	8.5	225
	DM212	36	915	8.5	220
	DH106 ^{ET}	36	920	9.5	245
11R24.5	DH131	26	660	8.5	220
	TH107	26	660	8.5	220
	AR602	36	920	8.5	220
	DR601 ^{ET}	36	920	8.5	225
	AM210	26	660	8.5	225
	DM212	26	660	8.5	225
215/75R17.5	AR602	26	660	7	180
225/70R19.5	AR602	30	760	7.5	195
	DR601	36	920	7.5	190
235/75R17.5	AR602	26	660	7.5	195
245/70R17.5	AR602	30	760	8.5	215
245/70R19.5	AR602	36	920	8.25	210
	DR601	36	920	8.25	210
255/70R22.5	AR602	40	1000	8.5	215
265/70R19.5	AR602	36	920	8.5	220
275/70R22.5	AR602	36	920	8.5	225
	AM210	36	920	8.5	225
285/75R24.5	DH106 ^{ET}	36	920	9.5	240
	TH107	36	920	8.5	220
	AR602	36	920	8.5	220
	DR601 ^{ET}	50	1270	8.5	220
	DH106 ^{ET}	36	920	9.5	240
	DH131	26	660	8.5	220
295/75R22.5	TH107	26	660	8.5	225
	AR602	36	920	8.5	220
	DR601 ^{ET}	36	920	9	225
315/80R22.5	AM210	36	920	10	250
385/65R22.5	AM211	50	1270	12.5	315
425/65R22.5	AM211	70	1780	13	335

Recommended Load & Inflation

TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES (MINIMUM PRESSURE LISTED)																			
TIRE SIZE DESIGNATION	USE	kPa	450	480	520	550	590	620	660	690	720	760	790	825/830	850	860	875	900	
		PSI	65	70	75	80	85	90	95	100	105	110	115	120	123	125	126	130	
17.5	215/75R17.5	SINGLE	kg			1530	1610	1680	1750	1820	1900	1960	2040	2110				2180 (H)	
		DUAL	lbs			3375	3540	3695	3860	4010	4180	4330	4495	4650				4805 (H)	
	235/75R17.5	SINGLE	kg							2080	2205	2270	2395	2455	2515				2725 (J)
		DUAL	lbs							4580	4860	5000	5275	5410	5545				6005 (J)
	245/70R17.5 136/134M	SINGLE	kg							2080	2205	2270	2395	2455	2515				2240 (J)
		DUAL	lbs							4580	4860	5000	5275	5410	5545				4940 (J)
	245/70R17.5 143/141J	SINGLE	kg							2020	2140	2200	2325	2380	2440				2120 (J)
		DUAL	lbs							4450	4720	4855	5120	5250	5380				4675 (J)
	225/70R19.5	SINGLE	kg				1450	1500	1570	1650 (F)	1690	1740	1800 (G)						
		DUAL	lbs				3195	3315	3450	3640 (F)	3715	3845	3970 (G)						
19.5	245/70R19.5	SINGLE	kg			1650	1700	1770	1850	1900	1970	2060 (G)	2180	2240 (H)					
		DUAL	lbs			3640	3740	3890	4080	4190	4335	4540 (G)	4805	4940 (H)					
	265/70R19.5	SINGLE	kg			1800	1900	1970	2060	2130	2200	2300 (G)							
		DUAL	lbs			3970	4180	4355	4540	4685	4850	5070 (G)							
22.5	10R22.5	SINGLE	kg		1850	1940	2030	2120	2280	2360	2430	2500	2575 (G)						
		DUAL	lbs		4080	4280	4480	4675	5025	5205	5360	5515	5675 (G)						
	11R22.5	SINGLE	kg		2050	2160	2260	2370	2500	2600	2700	2800 (G)	2870	2940	3000 (H)				
		DUAL	lbs		4530	4770	4990	5220	5510	5730	5950	6175 (G)	6320	6465	6610 (H)				
	255/70R22.5	SINGLE	kg		1730	1820	1900	1980	2060	2120	2220	2300	2360	2450	2500 (H)				
		DUAL	lbs		3815	4005	4190	4370	4550	4675	4895	5065	5205	5400	5510 (H)				
	275/70R22.5	SINGLE	kg				2250	2340	2460	2460	2550	2635	2750	2840	2955		3040		3150 (J)
		DUAL	lbs				4960	5160	5420	5420	5620	5810	6060	6260	6510		6700		6940 (J)
	295/75R22.5 *does not include PSL1 ^{ET}	SINGLE	kg		2040	2140	2240	2340	2440	2500	2620	2710	2800 (G)	2890	3000 (H)				
		DUAL	lbs		4500	4725	4940	5155	5370	5510	5780	5980	6175 (G)	6370	6610 (H)				
295/75R22.5 *data for PSL1 ^{ET} only	SINGLE	kg		2040	2140	2240	2340	2440	2500	2620	2710	2800 (G)	2890	3000 (H)	3250 (H)				
	DUAL	lbs		4500	4725	4940	5155	5370	5510	5780	5980	6175 (G)	6370	6610 (H)	7160 (H)				
315/80R22.5	SINGLE	kg				3050	3170	3300	3430	3550	3670	3760	3910	4125		4330		4540 (L)	
	DUAL	lbs				6725	6990	7275	7560	7825	8090	8290	8620	9090		9545		10000 (L)	
385/65R22.5	SINGLE	kg		2880	3060	3150	3350	3470	3650	3740	3850	4000	4100	4250		4340		4500 (L)	
	DUAL	lbs		6380	6720	6940	7350	7650	8050	8230	8510	8820	9050	9370		9570		9920 (L)	
425/65R22.5	SINGLE	kg		3430	3640	3750	3980	4130	4250	4440	4580	4750	4880	5150 (L)					
	DUAL	lbs		7590	7990	8270	8740	9100	9370	9790	10100	10500	10700	11400 (L)					
445/65R22.5	SINGLE	kg		3720	3590	4125	4320	4470	4625	4820	4960	5150	5290	5600		5700		5800 (M)	
	DUAL	lbs		8230	8660	9090	9480	9870	10200	10600	11000	11400	11700	12300		12600		12800 (M)	
11R24.5	SINGLE	kg		2190	2300	2410	2520	2650	2770	2890	3000 (G)	3080	3160	3250 (H)					
	DUAL	lbs		4940	5200	5450	5690	6005	6205	6405	6610 (G)	6790	6970	7160 (H)					
285/75R24.5	SINGLE	kg		2110	2210	2300	2390	2500	2580	2660	2725 (G)	2820	2910	3000 (H)					
	DUAL	lbs		4660	4870	5070	5260	5510	5675	5840	6005 (G)	6205	6405	6610 (H)					
285/75R24.5	SINGLE	kg			2160	2240	2360	2460	2575	2650	2740	2800 (G)	2920	3075 (H)					
	DUAL	lbs			4770	4940	5210	5450	5675	5835	6040	6175 (G)	6440	6780 (H)					
285/75R24.5	SINGLE	kg			1970	2060	2150	2240	2360	2410	2490	2575 (G)	2660	2800 (H)					
	DUAL	lbs			4340	4540	4740	4930	5205	5310	5495	5675 (G)	5860	6175 (H)					

Radial ply tires for trucks, buses and trailers used in normal highway service. Tires mounted on 15° drop center rims

Load and Inflation data is subject to update by PCTNA

Tire Safety Information: Truck Tire Warnings



IMPORTANT: Be sure to read this safety information. Make sure that everyone who services tires or vehicles in your outlet has read and understands these warnings. SERIOUS INJURY OR DEATH CAN RESULT FROM FAILURE TO FOLLOW SAFETY WARNINGS.

No matter how well any tire is constructed, punctures, impact damage, improper inflation, improper maintenance or service factors may cause serious tire failure, creating a risk of property damage and serious or fatal injury to you and/or your customer.

Encourage your customers to examine their tires frequently for snags, bulges, excessive treadwear, separations or cuts. If such conditions appear, advise them to demount the tire, use the spare and see you immediately. If you spot any of the above conditions, bring them to the customer's attention immediately. For safety, comply with the following warnings.

Tire and rim servicing can be dangerous and must be done only by trained personnel using proper tools and procedures. Failure to read and comply with all procedures may result in serious injury or death to you or others.

Reinflation of any type of tire/rim assembly that has been operated in a run-flat or underinflated condition (80% or less of recommended pressure) can result in serious injury or death. The tire may be damaged on the inside and can explode while you are adding air. The rim parts may be worn, damaged or dislodged and can explosively separate.

Use of starting fluid, ether, gasoline or any other flammable material to lubricate, seal or seat the beads of a tubeless tire can cause the tire to explode or can cause the explosive separation of the tire/rim assembly, resulting in serious injury or death. The use of any flammable material during tire servicing is absolutely prohibited.

Any inflated tire mounted on a rim contains explosive energy. The use of damaged, mismatched or improperly assembled tire/rim parts can cause the assembly to burst apart with explosive force. If you are struck by an exploding tire, rim part or the air blast, you can be seriously injured or killed.

Re-assembly and the inflation of mismatched parts can result in serious injury or death. Just because parts come in together does not mean that they belong together. Check for proper matching on all rim parts before putting any parts together.

Mismatching tire and rim diameters is dangerous. A mismatched tire and rim assembly may explode and can result in serious injury or death. This warning applies to 14", 14.5", 16" and 16.5" tires and rims as well as other similarly mismatched size combinations. Never assemble a tire and rim unless you have positively identified and correctly matched the parts.

If the tire is 20% below the recommended operating pressure, it must be considered flat. The tire must be removed, dismounted, and inspected for punctures or other damage.

Mounting and Demounting

A tire cannot perform properly unless it is mounted properly on the correct size rim or wheel. The following are general instructions for demounting and mounting tube-type and tubeless tires. For detailed instructions on mounting and demounting truck tires on particular types of rims and wheels, refer to the instructions of the rim and wheel manufacturer or the US Tire Manufacturers Association (USTMA) wall charts.

1. SELECTION OF PROPER COMPONENTS AND MATERIALS:

- All tires must be mounted with the proper tube and flap (if required) and rim or wheel as indicated in the application data books.
- Make certain that rim/wheel components are properly matched and of the correct dimensions for the tire.
- Always fit new tube in a new mounting. Since the tube will exhibit growth in size through normal use, an old tube used in a new mounting increases the possibility of tube creasing and chafing, possibly resulting in failure.
- Always install a new flap in a new mounting. A flap through extended use becomes hard and brittle. After limited time, it will develop a set to match the tire and rim in which it is fitted. Therefore, it will not exactly match a tire/rim combination.
- Always install new valve cores, and metal or hard plastic valve caps containing plastic or rubber seals. On tubeless truck tire valve stems, replace the rubber grommet. For tires requiring 'O' Rings, be sure to install a new one at every tire change.

- Always use a safety device such as an inflation cage or other OSHA-approved device when inflating.
- Never stand over the tire or in front of a tire when inflating.
- Always use a clip-on valve chuck with hose extension and stand to the side when inflating.

2. TIRE AND RIM LUBRICATION:

It is essential that an approved vegetable oil base soap solution tire lubricant be used for mounting tubeless and tube-type tires. The lubricant serves the following purposes:

- Minimizes the possibility of damage to the tire beads from the mounting tools.
- Eases the insertion of the tire onto the rim by lubricating all contacting surfaces.
- Assists proper bead seating (tire/rim centering) and helps prevent eccentric mountings.
 - a) TUBELESS TIRES—Apply lubricant to all surfaces of the bead area of the tire. When applying lubricant to the rim, lubricate the entire rim surface from flange to flange.
 - b) TUBE-TYPE TIRES—Apply clean lubricant to all portions of the tire bead area and the exposed portion of the flap using sufficient but sparing quantities of lubricant. Also lubricate the entire rim surface. Avoid using excessive amounts of lubricant which can become trapped between the tire and tube can, resulting in tube damage and rapid air loss.

Tire Safety Information: Truck Tire Warnings

CAUTION: It is important that tire lubricant be clean and free of dirt, sand, metal shavings or other hard particles. The particles may lodge between the tube and the flap edges, resulting in splits in the tube. The following practice is recommended:

- Use a fresh supply of tire lubricant each day, drawing from a clean supply and placing the lubricant in a clean portable container.
- Provide a cover for the portable container and/or other means to prevent contamination of the lubricant when not in use.

The following method is suggested, which has proven to be successful in minimizing contamination and preventing excess lubricant from entering the tire casing: Provide a special cover for the portable container that has a funnel-like device attached. The small opening of the funnel should be sized so that when a swab is inserted through the opening into the reserve of lubricant and then withdrawn, the swab is compressed, removing excess lubricant. This allows the cover to be left in place, providing added protection. A mesh false bottom in the container is a further safeguard against contaminants. The tire should be mounted and inflated promptly before the lubricant dries.

3. PREPARATION OF WHEELS, RIMS, AND TIRES

Never weld or apply heat to a rim or wheel on which a tire is mounted.

- Always wear safety goggles or face shields when buffing or grinding rims or wheels.

- Inspect wheel/rim assemblies for cracks, distortion, deforming of flanges, side rings, lock rings, etc. Using a file and/or emery cloth, smooth all burrs, welds, dents, etc. that are present on the tire side of the rim. Inspect the condition of bolt holes on the wheels.
- Remove rust with a wire brush and apply rust inhibiting paint.
- Remove any accumulation of rubber or grease which might be stuck to the tire, being careful not to damage it. Wipe the beads down with a dry rag.
- Make sure there is no water, dirt or foreign material inside the tire before inserting the tube.

Before servicing any tire rim/wheel assembly

- ALWAYS comply with the procedures in the tire/wheel manufacturer's catalogs, instruction manuals or other industry and government instructional materials.
- Before loosening any nuts or clamps that attach a tubetype tire/rim assembly to a vehicle, ALWAYS completely deflate the tire (or both tires of a dual assembly) by taking out the valve core(s).
- Use a non-flammable vegetable or soap-based rubber lubricant on the beads and rim surfaces to make tire demounting and mounting easier.
- Use proper tools to demount or mount tires and rims (refer to "Typical Tire Service Tools"). NEVER use a steel hammer to seat rim components—use only rubber, plastic or brass-tipped mallets.

Striking a rim/wheel assembly with a hard-faced hammer can damage the components and endanger the installer. Use a steel duck bill hammer only as a wedge to unseat the beads of tube-type tires. NEVER strike the tire/wheel assembly with a steel duck bill hammer to unseat the beads and do not strike the head of the duck bill hammer with another hard-faced hammer—use a rubber mallet or plastic dead blow hammer. Slide impact tools and hydraulic bead unseating tools can also be used to unseat beads on tube-type tires.

- NEVER reinflate any tire that has been operated in a run-flat or underinflated condition (i.e., operated at 80% or less of recommended operating pressure). Demount, inspect and match all tire and rim components before reinflating in a restraining device with the valve core removed.

Inflating tire rim/wheel assembly

TIRE AND RIM SERVICING CAN BE DANGEROUS AND MUST ONLY BE PERFORMED BY TRAINED PERSONNEL USING PROPER PROCEDURES AND TOOLS. FAILURE TO READ AND COMPLY WITH ALL OF THESE PROCEDURES MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU AND OTHERS.

- NEVER use starter fluid, ether, gasoline, or other flammable materials and/or accelerants to lubricate or to seat the beads of a tire. This practice can cause the explosive separation of the tire/wheel during servicing or during highway use, which may result in serious injury or death.

- ALWAYS inflate the tire rim/wheel assembly in a restraining device with the valve core removed. The air line assembly must consist of the following components: a clip-on air chuck, an in-line valve with a pressure gauge or preset table regulator, and sufficient hose length to keep the technician outside the trajectory during inflation. (See "Trajectory" WARNING below.) DO NOT rest or lean any part of your body against the restraining device during inflation. Failure to use a restraining device when inflating a tire rim/wheel assembly is not only a violation of OSHA regulation 1910.177, but also a DANGEROUS PRACTICE that may result in serious injury or death. During inflation, if ANY sidewall undulations or bulges appear or if ANY snapping, cracking or popping noises occur—STOP! DO NOT approach the tire. Before removing from the restraining device, completely deflate the tire remotely. Remove the clip-on air chuck. Mark the tire as damaged for potential "zipper rupture." Render the tire unserviceable, non-repairable, and scrap.
- NEVER inflate beyond 40 psi to seat any tire beads. NEVER stand, lean, or reach over the tire rim/wheel assembly in the restraining device during inflation. Even if a tire is in a restraining device, inflating beyond 40 psi when trying to seat the beads is a DANGEROUS PRACTICE that may break a tire bead or the rim/wheel with explosive force and possibly result in serious injury or death. Demount, inspect and match all tire and rim components before reinflating in a restraining device with the valve core removed.





MAKE A PLAY

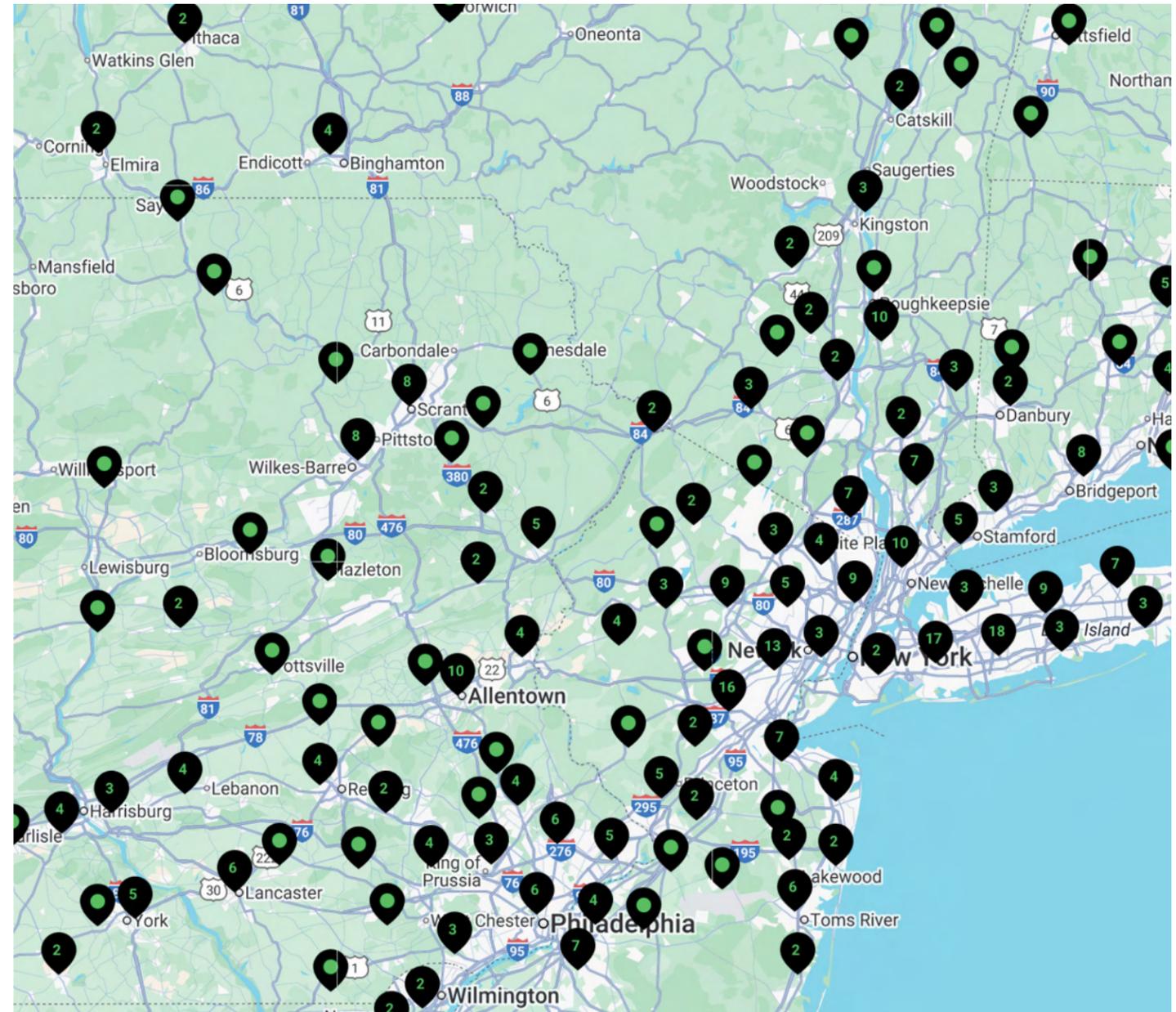
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Prinx Chengshan Tire North America
100 North Barranca Street
Suite 1000
West Covina, CA 91791

info@prinx.us.com



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