2026-TBR-Warranty-Booklet-2607-01

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HankookTireUSA @HankookTireUSA @HankookTireUSA

Hankook Tire America Headquarters
333 Commerce Street, Suite 600 Nashville, Tennessee 37201, USA T +1 615 432 0700 F +1 615 242 8709
www.hankooktire.com

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2026 HANKOOK TIRE

Warranty Booklet

TBR Replacement and OE Tires



Warranty Program
for TBR Replacement and OE Tires

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NOTES

- T/L : Tubeless Type
- M+S : Mud & Snow
- UMS : Ultra Mileage & Safety
- 3PMSF : Three Peak Mountain Snowflake

This List cancels all previous lists and is subject to change without prior notice

Basic Tire Knowledge

Basic Tire Knowledge Definitions

Overall Diameter	Diameter of the tire from tread surface to tread surface while inflated but unladen.
Tread Width	The width of the tread surface, designed for contact with the road.
Static Loaded Radius	Distance from the centre of the axle to the ground at the rated load and inflation pressure.
Revs/Mile	Revolutions of the tire per mile.
Rim Width	Distance between the inside of the rim flanges.
Section Height	Distance from the bead seat to the outer tread surface of the inflated tire.
Section Width	Distance between the outer sidewalls of an inflated tire.

$$\text{Aspect Ratio(Series)} = \frac{\text{Section Height}}{\text{Section Width}} \times 100$$

TBR Low-Profile Conversion Chart

Size	Tube Type	Tubeless Type
255/80R22.5	9.00R20	10R22.5
265/75R22.5		
275/80R22.5	10.00R20	11R22.5
295/75R22.5		
275/80R24.5	10.00R22	11R24.5
285/75R24.5		
295/80R22.5	11.00R20	12R22.5
315/80R22.5	12.00R20	13R22.5

Load Range Chart

Load Range (LR)	Ply Rating (PR)
A	2
B	4
C	6
D	8
E	10
F	12
G	14
H	16
J	18
L	20
M	22
N	24

Load Index & Speed Symbol

Size Markings

Marking	295/75R22.5 149/146L
295	Tire section width (295mm)
75	75 Aspect ratio [(section height / section width) x100)]
R	R Radial structure
22.5	22.5 Rim diameter (inch)
149	149 Max. load index when mounting single wheels (7,165lbs)
146	146 Max. load index when mounting dual wheels (6,615lbs)
L	L Tire max. driving speed symbol (75mph)

* For example purposes

Speed Symbols [km/h and mph]

Symbol	G	J	K	L	M	N
km/h	90	100	110	120	130	140
mph	56	62	68	75	81	87

Conversion of load index (LI) into load capacities per tire

LI	kg	lb
110	1060	2335
111	1090	2405
112	1120	2470
113	1150	2535
114	1180	2600
115	1215	2680
116	1250	2755
117	1285	2835
118	1320	2910
119	1360	3000
120	1400	3085
121	1450	3195
122	1500	3305
123	1550	3415
124	1600	3525
125	1650	3640
126	1700	3750
127	1750	3860
128	1800	3970
129	1850	4080
130	1900	4190

LI	kg	lb
131	1950	4300
132	2000	4410
133	2060	4540
134	2120	4675
135	2180	4805
136	2240	4940
137	2300	5070
138	2360	5205
139	2430	5355
140	2500	5510
141	2575	5675
142	2650	5840
143	2725	6010
144	2800	6175
145	2900	6395
146	3000	6615
147	3075	6780
148	3150	6945
149	3250	7165
150	3350	7385
151	3450	7605

LI	kg	lb
152	3550	7825
153	3650	8045
154	3750	8265
155	3875	8545
156	4000	8820
157	4125	9095
158	4250	9370
159	4375	9645
160	4500	9920
161	4625	10195
162	4750	10470
163	4875	10745
164	5000	11025
165	5150	11355
166	5300	11685
167	5450	12015
168	5600	12345
169	5800	12785
170	6000	13230

Load Inflation Pressure Tables

Tubeless

Tire Size Tire Designation		The Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (The pressure is minimum for the load)										
Tire size Tire Designation		80	85	90	95	100	105	110	115	120	125	130
10R22.5	A	16920	17640(E)	18340	19040	19760(F)	20300	20840	21420(G)			
	D	8460	8820(E)	9170	9520	9880(F)	10150	10420	10710(G)			
	S	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)			
11R22.5	A	19040	19800	20820(F)	21660	22500	23360(G)	23580	23800	24020(H)		
	D	9520	9900	10410(F)	10830	11250	11680(G)	11790	11900	12010(H)		
	S	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)		
11R24.5	A	20280	21040	22040(F)	22700	23360	24020(G)	24820	25620	26440(H)		
	D	10140	10520	11020(F)	11350	11680	12010(G)	12410	12810	13220(H)		
	S	5310	5550	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)		
12R22.5	A	20760	21560	22700(F)	23140	23580	24020(G)	25060	26100	27120(H)		
	D	10380	10780	11350(F)	11570	11790	12010(G)	12530	13050	13560(H)		
	S	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)		
255/70R22.5	A	15880	16440	17100	17640	17820	18440	18700(G)	19660	20280(H)		
	D	7940	8220	8550	8820	8910	9220	9350(G)	9830	10140(H)		
	S	4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)		
275/80R22.5 LRH, 16	A	18500	19420	20320	21220	22100	22980	23860	24720	25580	26440(H)	
	D	9250	9710	10160	10610	11050	11490	11930	12360	12790	13220(H)	
	S	5010	5260	5505	5750	5990	6230	6465	6700	6930	7165(H)	
295/60R22.5	A	18400	19300	20200	21100	21980	22860	23720	24580	25440	26280	27120(J)
	D	9200	9650	10100	10550	10990	11430	11860	12290	12720	13140	13560(J)
	S	5010	5260	5505	5750	5990	6230	6465	6700	6930	7160	7390(J)
275/70R22.5	A	17340	18200	19060	19900	20740	21560	22380	23200	24000	24780	25580(J)
	D	8670	9100	9530	9950	10370	10780	11190	11600	12000	12390	12790(J)
	S	4705	4940	5170	5400	5625	5850	6070	6290	6510	6725	6940(J)
295/75R22.5 LRG, 14	A	18160	18760	19540	20280(F)	21040	21760	22700(G)				
	D	9080	9380	9770	10140(F)	10520	10880	11350(G)				
	S	4940	5155	5370	5510(F)	5780	5980	6175(G)				
295/75R22.5 LRH, 16	A	22040	22700	23620	24700(F)	25420	26320	27120(G)	28040	28640(H)		
	D	11020	11350	11810	12350(F)	12710	13160	13560(G)	14020	14320(H)		
	S	5510	5675	5905	6175(F)	6355	6580	6780(G)	7010	7160(H)		
315/80R22.5 LRL, 20	A	22700	23360	24280	25580	26180	27080	27760	28840	30440	31640	33080(L)
	D	11350	11680	12140	12790	13090	13540	13880	14420	15220	15820	16540(L)
	S	6175	6415	6670	6940	7190	7440	7610	7920	8270	8690	9090(L)
315/80R22.5 LRL, 20 (AM06,AM09+,AU57)	A	24640	25880	27080	28280	29460	30640	31800	32960	34100	35220	36360(L)
	D	12320	12940	13540	14140	14730	15320	15900	16480	17050	17610	18180(L)
	S	6780	7115	7450	7780	8105	8425	8745	9065	9375	9690	10000(L)
305/70R22.5 LRL, 20	A		21070	21930	23060	23870	24710	25790	26600	27680	28480	29560(L)
	D		10535	10965	11530	11935	12355	12895	13300	13840	14240	14780(L)
	S		5740	5970	6280	6500	6735	7030	7250	7535	7760	8050(L)
285/75R24.5	A	18160	18960	19720	20820(F)	21240	21980	22700(G)	23440	24700(H)		
	D	9080	9480	9860	10410(F)	10620	10990	11350(G)	11720	12350(H)		
	S	4940	5210	5450	5675(F)	5835	6040	6175(G)	6440	6780(H)		

Tubeless

Tire Size Tire Designation		The Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (The pressure is minimum for the load)										
v		80	85	90	95	100	105	110	115	120	125	130
8R19.5	A	10720(D)	11140	11560	12000(E)	12400	12800	13220(F)				
	D	5360(D)	5570	5780	6000(E)	6200	6400	6610(F)				
	S	2835(D)	2955	3075	3195(E)	3305	3415	3525(F)				
215/75R17.5 LRG, 14	A	11620	12200	12760	13320	13880(G)						
	D	5810	6100	6380	6660	6940(G)						
	S	3085	3240	3390	3540	3690(G)						
215/75R17.5 LRH, 16	A	12700	13320	13960	14580	15180	15780	16380	16980	17560	18160(H)	
	D	6350	6660	6980	7290	7590	7890	8190	8490	8780	9080(H)	
	S	3360	3525	3690	3855	4015	4175	4335	4490	4650	4805(H)	
235/75R17.5 LRH, 16	A	13000	13640	14280	14900	15520	16140	16760(H)				
	D	6500	6820	7140	7450	7760	8070	8380(H)				
	S	3420	3590	3755	3920	4085	4250	4410(H)				
235/75R17.5 LRJ, 18	A	15400	16160	16920	17660	18400	19140	19860	20580	21300	22000	22700(J)
	D	7700	8080	8460	8830	9200	9570	9930	10290	10650	11000	11350(J)
	S	4070	4275	4475	4670	4870	5060	5255	5445	5635	5820	6005(J)
245/70R17.5 LRJ, 18	A	15400	16160	16920	17660	18400	19140	19860	20580	21300	22000	22700(J)
	D	7700	8080	8460	8830	9200	9570	9930	10290	10650	11000	11350(J)
	S	4070	4275	4475	4670	4870	5060	5255	5445	5635	5820	6005(J)
225/70R19.5	A	12000(E)	12460	12980	13660(F)	13960	14460	15000(G)	15420	15880(H)		
	D	6000(E)	6230	6490	6830(F)	6980	7230	7500(G)	7710	7940(H)		
	S	3195(E)	3315	3450	3640(F)	3715	3845	3970(G)	4100	4190(H)		
245/70R19.5	A	13660	14060	14620	15440(F)	15760	16300	17200(G)	17380	18160(H)		
(AH35 LRG, 14, DH07 LRH, 16)	D	6830	7030	7310	7720(F)	7880	8150	8600(G)	8690	9080(H)		
	S	3640	3740	3890	4080(F)	4190	4335	4540(G)	4620	4805(H)		
245/70R19.5 LRG, 14	A	14500	15220	15920	16640	17320	18020	18700(G)				
	D	7250	7610	7960	8320	8660	9010	9350(G)				
	S	3830	4020	4205	4395	4575	4760	4940(G)				
245/70R19.5 LRH, 16	A	14020	14720	15420	16100	16760	17440	18100	18760	19400(H)		
	D	7010	7360	7710	8050	8380	8720	9050	9380	9700(H)		
	S	3665	3850	4030	4205	4380	4555	4730	4900	5070(H)		
265/70R19.5 LRG, 14 (DH35,DH07)	A	15000	15720	16380	17200	17620	17660	18700(G)				
	D	7500	7860	8190	8600	8810	8830	9350(G)				
	S	3970	4180	4355	4540	4685	4850	5070(G)				
265/70R19.5 LRG, 14 (AH35)	A	16140	16940	17740	18520	19300	20060	20820(G)				
	D	8070	8470	8870	9260	9650	10030	10410(G)				
	S	4270	4485	4695	4900	5105	5310	5510(G)				
385/65R22.5 LRL, 20	S	6725	7060	7390	7720	8040	8360	8680	8995	9305	9615	9920(L)
385/65R22.5 LRJ, 18	S	6940	7350	7650	8050	8230	8510	8820	9050	9370(J)		
425/65R22.5	S	8270	8740	9100	9370	9790	10100	10500(J)	10700	11400(L)		
445/65R22.5	S	9090	9480	9870	10200(H)	10600	11000	11400	11700	12300(L)	12600	12800
445/50R22.5	S	7310	7680	8030	8390	8740	9090	9370(J)	9780	10200(L)		

*OPERATING SPEED LESS THAN 55 MPH

Tire load limits at various inflation pressures are based upon Tire and Rim Association (TRA) standards and tables, except where there is no specification established by the TRA. In these few cases, the tire design is based upon the European Tire and Rim Technical Organization (ETRTO) whose standards govern these tire designs. To obtain recommendations for tires run in non-standard applications, customers and dealers should contact the Hankook Technical Service Department.

A = Load Limit across an Axle (4 Tires) D = Load Limit across Dual tires (2 Tires) S = Load Limit for a single tire

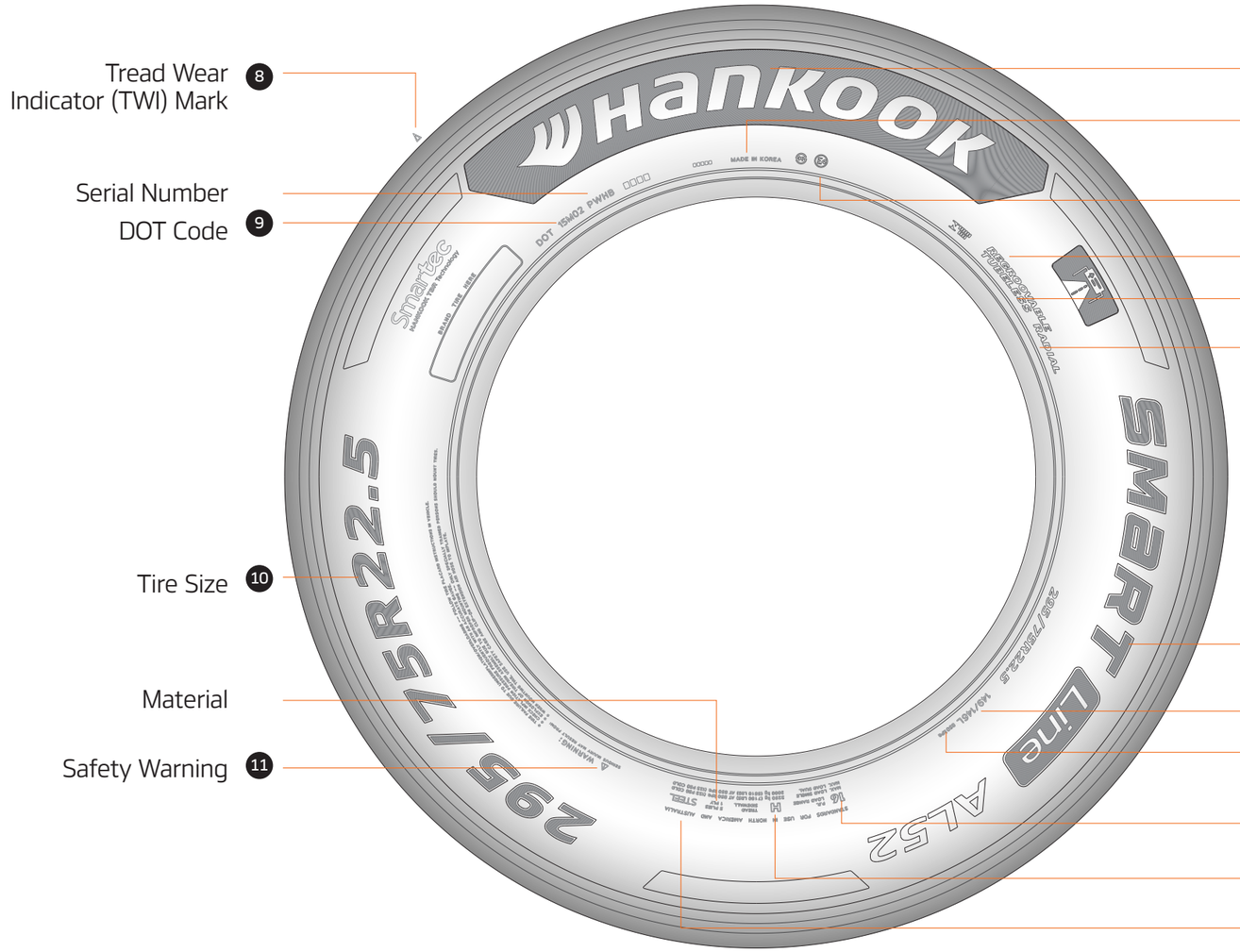
Truck Tire Markings

All truck tires are marked to represent their structure, construction type, dimensions and manufacturer/brand.

In addition, they should carry the Department of Transportation (DOT) code and/or International Organization for Standardization (ISO) symbols.

Below is a typical Hankook tire that illustrates ISO markings.

1. **Brand Name**: Manufacturer name of the tire.
2. **E-mark and Number**: It means the tire is certified in Europe. In addition, KS, UTQG, CCC, NORM, etc. are engraved to signify the certification of each country.
3. **Regroovable**: It denotes the tire is available to use 50% more tread by cutting main groove deeper. It is only done by tire service professionals.
4. **Tubeless**: This tire is tubeless structure. (tires composed of a tube have "Tube type" marking)
5. **Radial tire**: Indicates the construction: R (for radial), D (for bias [diagonal]) or B (for belted, an extinct kind of construction).
6. **Pattern Name**: Pattern name of the tire.
7. **Load & Inflation Pressure**: Tire maximum load and inflation pressure as to standard. It varies from size to size.
8. **TWI Mark**: Tread Wear Indicator or TWI shows the minimum level of tread wear which must be conformed.
9. **DOT Code**: This is a code required by the Department of Transport (DOT) which certifies the tire manufacturer's compliance with DOT tire safety standards. The last four digits indicates the date of manufacture of the tire. For example, a tire of DOT ending with 0122 was produced in the 1st week of 2022.
10. **Tire Size**: Tire size which shows tire section width (mm), aspect ratio, rim inch.
11. **Safety Warning**: Critical information customers should know for safety.



WARRANTY TERMS

This limited warranty applies to the original purchaser of any new truck and bus tire manufactured by Hankook Tire and Technology bearing Department of Transportation prescribed tire identification numbers. Eligible tires shall be used on the vehicle on which they were originally installed according to the vehicle manufacturer's or Hankook's recommendation. This warranty applies if all following qualification requirements are met:

1. The tire was purchased after January 1, 2026.
2. The tire is a size, load rating and speed rating equal to or greater than that recommended by the vehicle manufacturer.
3. The tire has not become unserviceable due to a condition listed under WHAT IS NOT COVERED
4. The tire is 6 years from the date of purchase, or 6 years from the date of manufacture without any purchase document.

WHAT IS WARRANTED AND FOR HOW LONG

Should any tire covered by this limited warranty become unusable due to a workmanship or material related condition during its usable tread life (more than 2/32nds remaining tread), Hankook will give a credit on the following conditions:

1. During the first 2/32^{nds} of the original usable tread and within one year: Tire will be replaced with a comparable new Hankook produced tire free of charge. Applicable taxes on the new tire and cost of mounting, balancing and any other charges in connection with the replacement of the tire are required to be paid by the owner.
2. After the first 2/32^{nds} of the original usable tread or after one year from date of purchase, whichever occurs first: The amount of the credit will be determined by multiplying the Dealer's current selling price for the same tire (excluding taxes) by the percentage of tread remaining, based on the original tread depth.

   * Free replacement workmanship warranty is not applicable to snow tires.

WHAT IS NOT COVERED

This limited warranty does not apply to tires which are being serviced under the following conditions:

- Originally purchased outside of the United States or Puerto Rico.
- Willful Abuse/Collision/Wreck/Fire.
- Continued use while flat or severe under/over inflation.
- Road Hazards including (without limitation), puncture, cut, impact break, stone drill, bruise, bulge, snag, collision.
- Irregular wear due to vehicle mechanical reason and/or improper maintenance.
- Rapid/premature/worn out treadwear from (without limitation): vehicle mechanical reason, and/or improper maintenance.
- Conditions resulting from (without limitation): improper mounting/demounting, underinflation, overinflation, improper tire size, improper repair, defect in vehicle, abuse, improper storage, modifications/alterations.
- Ride disturbance complaints after 2/32nds tread wear or 1 year from date of purchase, whichever occurs first.
- With 2/32nds or less of remaining tread depth.
- With the serial/DOT number cut or buffed.
- Racing and Misapplication.
- Loss of time or use, inconvenience or any incidental or consequential damage.
- Tires worn beyond original full tread depth will not have FET reimbursed.
- Tires with minor cosmetic weather/ozone cracking.
- Ozone or weather cracking on tires over four (4) years old from the date of manufacture.
- Note: Consequential damage mentioned above may not apply to you based on States limitation.

OWNER'S GENERAL OBLIGATION

In order to be eligible for HANKOOK's limited warranty program, the owner must observe the following:

- Present the tire to an authorized Hankook dealer in the United States of America or Puerto Rico.
- Submit or present a copy of the original purchase receipt.
- Sign a completed Hankook Claim Form filled by any authorized dealer.
- If the tire owner abuses the tires and/or fails to do the following (but not limited to): observing safety warnings, maintaining proper inflation pressure, maintain vehicle alignment, expected tire performance and/or life may not be achieved and safety cannot be ensured.
- Tires presented for a warranty claim remain the property of the consumer, and Hankook bears no responsibility for lost or damaged tires which are in the possession or control of any dealer. Should a claim be disputed, the consumer must make the tire available for further inspection.

CASING WARRANTY

1. If a Hankook steel radial truck or bus tire becomes unserviceable or cannot be retreaded due to a manufacturer-related condition, Hankook will provide a predetermined casing allowance. This casing warranty applies in the event a steel radial truck or bus tire will not accept the first retread due to an adjustable condition.
2. The standard casing warranty is valid for up to two (2) retreads and remains in effect for six (6) years from the tire's date of manufacture. The warranty expires based on whichever condition occurs first.
3. For AL52, AL21, AL50, DL15+, DL21, TL21, and DL52, the casing warranty allows unlimited retreads for seven (7) years from the date of manufacture. Casing value remains the same after the 3rd retread. Expiration of this warranty is determined solely by the date of manufacture as molded on the tire.
4. For the e3 Wide series (size 445/50R22.5 in patterns DL07, TL07, TL21, DL12, DL21), the casing warranty covers up to three (3) retread lives for six (6) years from the date of manufacture. The warranty expires based on whichever condition occurs first.
5. Tires used in mining or logging applications are not covered under this warranty.
6. Casing and retread allowance details are provided in the following section.
7. Casings exhibiting ozone or weather cracking that are more than four (4) years old from the date of manufacture are not covered under this warranty..

RETREAD ALLOWANCE

Retread allowance is an additional credit provided on top of the casing allowance based on the remaining tread depth of the retreaded tire, regardless of the retread manufacturer.

Tread Depth Remaining (Inches)	Total Allowance for Retreaded Tires (Retread Allowance + Casing Allowance)
More than 14/32	$45.00 + Casing Allowance
8/32 to 14/32	$30.00 + Casing Allowance
Less than 8/32	Casing Allowance Only

- Tire with rim sizes 19.5 inches or smaller are not eligible for the Retread Allowance.
- Tires used in mining or logging service are not covered under this warranty.

CASING ALLOWANCE

Category	Size		No of Retread: None	1st	2nd	3rd	Remark
Premium Pattern : AL52, AL21, AL50, DL52, DL21, TL21, TL52, AH51, DH51	295/60R22.5 295/75R22.5 285/75R24.5 11R22.5 11R24.5		$130	$110	$90	$70	Casing value will be same after 3rd times retread
e^3 Wide Pattern: DL12, DL21, TL21	445/50R22.5		$150	$120	$90	$70	
Normal	11R22.5 11R24.5 255/70R22.5 275/70R22.5 295/75R22.5 305/70R22.5	315/80R22.5 285/75R24.5 385/65R22.5 425/65R22.5 445/65R22.5	$110	$90	$70	-	
	9.00R20 10.00R20 11.00R20 12.00R20	12.00R24 10R22.5 12R22.5	$90	$80	$70	-	
	215/75R17.5 235/75R17.5 8R19.5	225/70R19.5 245/70R19.5 265/70R19.5	$60	$40	$30	-	

DISCLAIMER

THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES,EXPRESS OR IMPLIED, AND HANKOOK EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME U.S. STATES AND/OR CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS IN THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE MAY NOT APPLY TO YOU.

TO THE EXTENT PERMITTED BY LAW, HANKOOK DISCLAIMS LIABILITY FOR ALL CONSEQUENTIAL AND INCIDENTAL DAMAGES.

THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES FOR BREACH OF WARRANTY.

Some U.S. States and/or Canadian provinces 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 gives you specific legal rights, and you may also have other rights which vary from U.S. State or Canadian province to province.

• THIS IS THE ONLY EXPRESS WARRANTY MADE BY HANKOOK. NO HANKOOK EMPLOYEE, RETAILER, OR DEALER HAS THE AUTHORITY TO MAKE ANY WARRANTY, REPRESENTATION, PROMISE OR AGREEMENT ON BEHALF OF HANKOOK EXCEPT AS EXPRESSLY WRITTEN IN THIS TOTAL WARRANTY. IN OBSERVANCE OF U.S. FEDERAL LAW, THIS WARRANTY HAS BEEN DESIGNATED A "LIMITED WARRANTY."

ADDITIONAL INFORMATION OR CUSTOMER SERVICE

If you have any question on product warranty, please first contact your nearest Hankook Tire Dealer. For dealer information, or if your question has not been handled to your satisfaction, contact the Hankook Tire Technical Department.

HANKOOK TIRE AMERICA CORPORATION
1-800-HANKOOK
333 Commerce St. Suite 600 Nashville, TN 37201

For warranty information, please visit **hankooktire**.com/us or call 1-800-HANKOOK, option 1 for Technical Dept. or via email at Warranty.Support@Hankookn.com