

# 2016 Hankook Tire Catalog

*Passenger and Light Truck Tires*



A black and white, motion-blurred photograph of a city street. The image captures a sense of speed and urban activity. On the left, a tall, modern skyscraper with a grid-like facade rises into the sky. Other buildings of varying heights line the street, some with visible windows and architectural details. In the foreground, a wide, paved road stretches into the distance. Several cars are visible, their forms blurred due to motion, suggesting they are driving quickly. The overall composition is dynamic, with strong vertical lines from the buildings and a sense of movement from the cars and the blurred background.

**2016 TIRE CATALOG**

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The data of this booklet can be changed by the manufacturer without prior notice.

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## Definitions

<b>Overall Diameter</b>	Diameter of the tire from tread surface to tread surface while inflated but unladen.
<b>Tread Width</b>	The width of the tread surface, designed for contact with the road.
<b>R. P. M.</b>	Revolutions Per Mile
<b>Rim Width</b>	Distance between the inside of the rim flanges.
<b>Section Height</b>	Distance from the bead seat to the outer tread surface of the inflated tire.
<b>Section Width</b>	Distance between the outer sidewalls of an inflated tire.
<b>U.T.Q.G.</b>	Uniform Tire Quality Grading.

## Speed Symbol

Speed Symbol	Speed (km/h)	Speed (mp/h)
K	110	68
L	120	74
M	130	81
N	140	87
P	150	93
Q	160	99
R	170	106
S	180	112
T	190	118
U	200	124
H	210	130
V	240	149
ZR	W	270
	Y	300
	(Y)	Above 300
		Above 186

## Load Range Chart

Load Range (LR)	Ply Range (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

## Sidewall Type Information

BSW : Black Sidewall  
 WSW : White Sidewall  
 OWL : Outlined White Letter

# Tire Conversion Chart

82 SERIES	P-80, 80 SERIES	P-75 SERIES	70 SERIES	P-70 SERIES	65 SERIES	P-65 SERIES	60 SERIES	P-60 SERIES	P-55,55 SERIES	P-50, 50 SERIES	P-45, 45 SERIES	P-40, 40 SERIES
135R12			135/70R13 155/70R12									
145R12	145/80R12		145/70R13 165/70R12	P165/70R12	155/65R13 165/65R13		175/60R13					
135R13	135/80R13		155/70R13							P215/50R13		
155R12	155/80R12		175/70R12		175/65R13		185/60R13					
145R13	145/80R13		165/70R13	P165/70R13	165/65R14 185/65R13							
155R13	155/80R13 P155/80R13		175/70R13	P175/70R13	185/65R13 175/65R14		205/60R13 185/60R14	P205/60R13 P185/60R14		195/50R15		
			165/70R14						185/55R15	205/50R15 P205/50R15		
165R13	165/80R13 P165/80R13		185/70R13 175/70R14	P185/70R13	195/65R13 185/65R14		195/60R14 205/60R14	P195/60R14	195/55R15		205/45R16	
175R13	P175/80R13	P185/75R13		P195/70R13	195/65R14				205/55R15	225/50R16 P225/50R15	225/45R16	
							195/60R15	P195/60R15				
165R14		P175/75R14	185/70R14	P185/70R14	185/65R15							235/40R17
185R13	P185/80R13				205/65R14		205/60R15	P205/60R15			245/45R16	
155R15			195/70R14	P195/70R14					225/55R15 205/55R16	225/50R16		
175R14	175/80R14	P185/75R14			195/65R15	P195/65R15 P215/65R14	215/60R15	P215/60R15	P235/60R14 P205/55R16	P225/50R16	225/45R17	255/40R17
165R15												
185R14	185/80R14	P195/75R14	205/70R14 195/70R15	P205/70R14	205/65R15	P205/65R15		P245/60R14 P225/60R15			235/45R17	
		P205/75R14		P215/70R14	215/65R15	P215/65R15		225/60R15 215/60R16		P245/50R16 P255/50R16		
185R15		P215/75R14	205/70R15	P205/70R15				225/60R16	P245/60R15 P225/60R16		P295/50R15	
				P215/70R15								
195R15		P205/75R15					255/60R15	P255/60R15				
		P215/75R15		P225/70R15 P235/70R15					P275/60R15			
215R15		P225/75R15 P235/75R15	255/70R15	P245/70R15 P255/70R15								

Note: The recommendations shown in the chart above do not always guarantee complete interchangeability, primarily because of the differences in section widths. Therefore before replacing tires with different sizes, always consult your HANKOOK technical representative or tire dealer about proper clearance between tire and fender for your particular automobile.

OD : Overall Diameter of a tire when mounted or inflated. Tire sizes on the borderline belong to both the upper and lower horizontal row of sizes (Example: size 225/60R13, which is on the 600mm overall diameter line, is interchangeable with sizes shown between lines 580 and 600 or 600 and 610).

## Load Index and Equivalent Loads

Load Index	Load (kg)	Load (lbs)
75	387	853
76	400	882
77	412	908
78	425	937
79	437	963
80	450	992
81	462	1019
82	475	1047
83	487	1074
84	500	1102
85	515	1135
86	530	1168
87	545	1201
88	560	1235

Load Index	Load (kg)	Load (lbs)
89	580	1279
90	600	1323
91	615	1356
92	630	1389
93	650	1433
94	670	1477
95	690	1521
96	710	1585
97	730	1609
98	750	1653
99	775	1709
100	800	1764
101	825	1819
102	850	1874

Load Index	Load (kg)	Load (lbs)
103	875	1929
104	900	1984
105	925	2039
106	950	2094
107	975	2149
108	1000	2205
109	1030	2271
110	1050	2337
111	1090	2403
112	1120	2469
113	1150	2535
114	1180	2601
115	1215	2679

Ultra-High Performance Summer



# ventus V12 evo<sup>2</sup>



reddot design award  
product design 2014

- W & Y-Rated
- 25/30/35/40/45/50/55 Series

The Ventus V12 evo2 is designed for drivers who like to express their own personality and style while experiencing outstanding traction and handling performance. The sophisticated sidewall design of the Ventus V12 evo2, along with its advanced tread pattern design, offers drivers of sports cars, coupes and sedans the fresh style they desire.

# Dimension Data

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/Mile	Weight	UTQG
					psi	lbs							
1015379	205/55ZR16 XL	94W	6.5	5.5-7.5	50	1,477	24.9	8.3	6.5	10.0	811	19.6	320/AA/A
1015239	245/40ZR17 XL	95Y	8.5	8.0-9.5	50	1,521	24.7	9.7	8.4	10.0	816	22.5	320/AA/A
1015413	255/40ZR17 XL	98Y	9.0	8.5-10.0	50	1,653	25.0	10.2	8.7	10.0	806	23.8	320/AA/A
1015410	205/45ZR17 XL	88W	7.0	6.5-7.5	50	1,235	24.3	8.0	6.8	10.0	832	18.7	320/AA/A
1015401	215/45ZR17 XL	91Y	7.0	7.0-8.0	50	1,356	24.6	8.3	7.4	10.0	819	19.6	320/AA/A
1015402	225/45ZR17 XL	94Y	7.5	7.0-8.5	50	1,477	25.0	8.8	7.7	10.0	808	20.3	320/AA/A
1015237	235/45ZR17 XL	97Y	8.0	7.5-9.0	50	1,609	25.4	9.2	8.0	10.0	796	23.5	320/AA/A
1015240	245/45ZR17 XL	99Y	8.0	7.5-9.0	50	1,709	25.7	9.5	8.4	10.0	786	24.4	320/AA/A
1015234	205/50ZR17 XL	93Y	6.5	5.5-7.5	50	1,433	25.1	8.3	6.8	10.0	803	19.8	320/AA/A
1015690	215/50ZR17 XL	95W	7.0	6.0-7.5	50	1,521	25.5	8.8	6.7	10.0	791	22.9	320/AA/A
1015689	225/50ZR17 XL	98Y	7.0	6.0-8.0	50	1,653	25.9	9.1	7.5	10.0	779	24.0	320/AA/A
1015248	245/35ZR18 XL	92Y	8.5	8.0-9.5	50	1,389	24.8	9.7	8.4	10.0	815	22.2	320/AA/A
1015251	255/35ZR18 XL	94Y	9.0	8.5-10.0	50	1,477	25.0	10.2	8.7	10.0	807	22.1	320/AA/A
1015417	265/35ZR18 XL	97Y	9.5	9.0-10.5	50	1,609	25.3	10.6	9.1	10.0	797	25.1	320/AA/A
1015256	275/35ZR18 XL	99Y	9.5	9.0-11.0	50	1,709	25.6	10.9	9.4	10.0	790	26.0	320/AA/A
1015258	285/35ZR18 XL	101Y	10.0	9.5-11.0	50	1,819	25.9	11.3	9.8	10.0	780	26.7	320/AA/A
1015242	215/40ZR18 XL	89Y	7.5	7.0-8.5	50	1,279	24.8	8.5	7.4	10.0	815	19.3	320/AA/A
1015414	225/40ZR18 XL	92Y	8.0	7.5-9.0	50	1,389	25.1	9.0	7.7	10.0	805	22.3	320/AA/A
1015416	235/40ZR18 XL	95Y	8.5	8.0-9.5	50	1,521	25.4	9.4	8.0	10.0	795	22.9	320/AA/A
1015418	245/40ZR18 XL	97Y	8.5	8.0-9.5	50	1,609	25.7	9.7	8.3	10.0	785	23.7	320/AA/A
1015252	255/40ZR18 XL	99Y	9.0	8.5-10.0	50	1,709	26.0	10.2	8.7	10.0	775	24.8	320/AA/A
1015255	265/40ZR18 XL	101Y	9.5	9.0-10.5	50	1,819	26.3	10.6	9.1	10.0	766	26.8	320/AA/A
1015257	275/40ZR18 XL	103Y	9.5	9.0-11.0	50	1,929	26.7	10.9	9.4	10.0	757	28.1	320/AA/A
1015243	215/45ZR18 XL	93Y	7.0	7.0-8.0	50	1,433	25.6	8.3	7.4	10.0	787	20.4	320/AA/A
1015415	225/45ZR18 XL	95Y	7.5	7.0-8.5	50	1,521	25.9	8.8	7.7	10.0	778	22.9	320/AA/A
1015250	245/45ZR18 XL	100Y	8.0	7.5-9.0	50	1,764	26.7	9.5	8.4	10.0	757	25.6	320/AA/A
1015253	255/45ZR18 XL	103Y	8.5	8.0-9.5	50	1,929	27.0	10.0	8.7	10.0	746	26.6	320/AA/A
1015247	235/50ZR18 XL	101Y	7.5	6.5-8.5	50	1,819	27.3	9.6	7.8	10.0	740	26.2	320/AA/A
1015288	255/30ZR19 XL	91Y	9.0	8.5-9.5	50	1,356	25.1	10.2	9.0	10.0	805	23.1	320/AA/A
1015292	265/30ZR19 XL	93Y	9.5	9.0-10.0	50	1,433	25.3	10.6	9.4	10.0	797	24.0	320/AA/A
1015294	275/30ZR19 XL	96Y	9.5	9.0-10.0	50	1,565	25.6	10.9	9.8	10.0	790	25.7	320/AA/A
1015297	285/30ZR19 XL	98Y	10.0	9.5-10.5	50	1,653	25.8	11.3	10.1	10.0	782	26.6	320/AA/A
1015299	295/30ZR19 XL	100Y	10.5	10.0-11.0	50	1,764	26.0	11.8	10.5	10.0	775	28.0	320/AA/A
1015300	305/30ZR19 XL	102Y	11.0	10.5-11.5	50	1,874	26.3	12.2	10.8	10.0	768	29.0	320/AA/A
1015301	325/30ZR19 XL	105Y	11.5	11.0-12.0	50	2,039	26.7	13.0	11.5	10.0	755	31.6	320/AA/A
1015281	225/35ZR19 XL	88Y	8.0	7.5-9.0	50	1,235	25.2	9.0	7.7	10.0	800	21.8	320/AA/A
1015419	235/35ZR19 XL	91Y	8.5	8.0-9.5	50	1,356	25.5	9.4	8.0	10.0	792	22.7	320/AA/A
1015285	245/35ZR19 XL	93Y	8.5	8.0-9.5	50	1,433	25.4	9.7	8.3	10.0	796	23.2	320/AA/A
1015420	255/35ZR19 XL	96Y	9.0	8.5-10.0	50	1,565	26.0	10.2	8.7	10.0	775	24.9	320/AA/A
1015293	265/35ZR19 XL	98Y	9.5	9.0-10.5	50	1,653	26.3	10.6	9.1	10.0	766	26.1	320/AA/A
1015295	275/35ZR19 XL	100Y	9.5	9.0-11.0	50	1,764	26.6	10.9	9.4	10.0	759	27.2	320/AA/A
1015298	285/35ZR19 XL	103Y	10.0	9.5-11.0	50	1,929	26.9	11.3	9.8	10.0	750	28.0	320/AA/A
1015282	225/40ZR19 XL	93Y	8.0	7.5-9.0	50	1,433	26.1	9.0	7.7	10.0	773	22.8	320/AA/A
1015286	245/40ZR19 XL	98Y	8.5	8.0-9.5	50	1,653	26.7	9.7	8.4	10.0	755	24.7	320/AA/A
1015290	255/40ZR19 XL	100Y	9.0	8.5-10.0	50	1,764	27.0	10.2	8.7	10.0	746	26.0	320/AA/A
1015296	275/40ZR19 XL	105Y	9.5	9.0-11.0	50	2,039	27.7	10.9	9.4	10.0	729	29.4	320/AA/A
1015283	225/45ZR19 XL	96Y	7.5	7.0-8.5	50	1,565	27.0	8.8	7.7	10.0	748	24.0	320/AA/A
1015287	245/45ZR19 XL	102Y	8.0	7.5-9.0	50	1,874	27.7	9.5	8.3	10.0	729	26.8	320/AA/A
1015291	255/45ZR19 XL	104Y	8.5	8.0-9.5	50	1,984	28.1	10.0	8.7	10.0	719	28.1	320/AA/A
1015374	305/25ZR20 XL	97Y	11.0	10.5-11.5	50	1,609	26.0	12.2	10.8	10.0	777	29.9	320/AA/A
1015364	245/30ZR20 XL	90Y	8.5	8.0-9.0	50	1,323	25.8	9.7	8.4	10.0	781	24.1	320/AA/A
1015368	255/30ZR20 XL	92Y	9.0	8.5-9.5	50	1,389	26.1	10.2	9.0	10.0	774	24.3	320/AA/A
1015371	275/30ZR20 XL	97Y	9.5	9.0-10.0	50	1,609	26.5	10.9	9.8	10.0	760	26.6	320/AA/A
1015373	285/30ZR20 XL	99Y	10.0	9.5-10.5	50	1,709	26.8	11.3	10.1	10.0	754	28.1	320/AA/A
1015365	245/35ZR20 XL	95Y	8.5	8.0-9.5	50	1,521	26.8	9.7	8.4	10.0	754	24.6	320/AA/A
1015369	255/35ZR20 XL	97Y	9.0	8.5-10.0	50	1,609	27.0	10.2	8.7	10.0	747	26.0	320/AA/A
1015372	275/35ZR20 XL	102Y	9.5	9.0-11.0	50	1,874	27.6	10.9	9.4	10.0	732	28.3	320/AA/A
1015366	245/40ZR20 XL	99Y	8.5	8.0-9.5	50	1,709	27.7	9.7	8.4	10.0	728	25.9	320/AA/A
1017382	275/40ZR20 XL	106Y	9.5	9.0-11.0	50	2,094	28.7	10.9	9.4	10.0	724	30.7	320/AA/A
1015367	245/45ZR20 XL	103Y	8.0	7.5-9.0	50	1,929	28.7	9.5	8.4	10.0	704	27.4	320/AA/A
1015370	255/45ZR20 XL	105Y	8.5	8.0-9.5	50	2,039	29.1	10.0	8.7	10.0	694	29.2	320/AA/A
1015758	275/30ZR21 XL	98Y	9.5	9.0-10.0	50	1,653	27.5	10.9	9.8	10.0	733	27.9	320/AA/A
1015375	245/35ZR21 XL	96Y	8.5	8.0-9.5	50	1,565	27.8	9.7	8.4	10.0	727	25.6	320/AA/A

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.



# ventus S1 evo



- V & W-Rated
- 40/45/50 Series

The Ventus S1 evo offers outstanding wet and dry performance with the added benefit of run-flat security. Braking and handling performance is increased through an innovative rib pattern that provides improved stiffness. A special reinforced sidewall and strengthened high-tension rim bead allow the tire to be driven for up to 50 miles at 50 miles per hour at zero psi. Mountable on standard wheels.



Hankook Tire Run-flat System



S : Shock absorption (Absorbs shock to enhance riding experience)  
M : Maintenance Continuity (Offers durability by enabling drivers to travel for specific distance after tire suffers air loss)  
H : Heat Resistance ( Prevents overheating when driving at 0-psi)



## Dimension Data

Pattern Code **K107** **PCR**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG
					psi	lbs							
<b>1009177</b>	<b>205/50RF17</b>	89W	6.5	5.5-7.5	51	1,279	24.9	8.4	6.8	10.0	834	27.2	280/A/A
<b>1009178</b>	<b>225/50RF17</b>	94W	7.0	6.0-8.0	51	1,477	25.9	9.2	7.4	10.0	803	30.9	280/A/A
<b>1007904</b>	<b>205/45RF17</b>	84V	7.0	6.5-7.5	44	1,102	24.1	8.2	7.0	12.0	862	22.4	280/A/A
<b>1007905</b>	<b>225/45RF17</b>	91W	7.5	7.0-8.5	51	1,356	24.9	9.0	7.7	10.5	835	26.6	280/A/A
<b>1007906</b>	<b>245/45RF17</b>	95W	8.0	7.5-9.0	51	1,521	25.5	9.7	8.4	12.0	816	29.9	280/A/A
<b>1009991</b>	<b>225/40RF18</b>	88W	8.0	7.0-9.0	51	1,235	25.1	9.1	7.5	10.0	828	24.4	280/A/A
<b>1009733</b>	<b>245/40RF18</b>	93W	8.5	8.0-9.5	51	1,433	25.6	9.7	8.4	10.0	811	28.5	280/A/A

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.



# ventus Prime<sup>2</sup>



- V & W-Rated
- 55 Series

The Ultra-High Performance Ventus Prime2 provides drivers with impressive grip in dry and wet conditions. Ventus Prime2's unique tread pattern offers extraordinary cornering and handling ability. A special reinforced sidewall and strengthened high-tension rim bead allow the tire to be driven for up to 50 miles at 50 miles per hour at zero psi. Mountable on standard wheels.



Hankook Tire Run-flat System



S : Shock absorption (Absorbs shock to enhance riding experience)  
M : Maintenance Continuity (Offers durability by enabling drivers to travel for specific distance after tire suffers air loss)  
H : Heat Resistance ( Prevents overheating when driving at 0-psi)

## Dimension Data

Pattern Code **K115 & K115B**

**PCR**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>1011220</b>	<b>* 195/55RF16</b>	87V	6.0	5.5-7.0	51	1,201	24.3	7.9	6.2	10.0	854	24.8	220/A/A	
<b>1009708</b>	<b>* 205/55RF16</b>	91W	6.5	5.5-7.5	51	1,356	24.7	8.7	6.5	10.0	840	27.4	220/A/A	
<b>1010561</b>	<b>195/55R16</b>	87V	6.0	5.5-7.0	51	1,201	24.3	7.9	6.2	10.0	854	19.0	320/A/A	BMW Mini Standard (12-13)
<b>1013117</b>	<b>195/55R16</b>	87W	6.0	5.5-7.0	51	1,201	24.3	8.3	6.3	9.7	855	18.7	280/A/A	BMW New Mini Standard (14-22)
* Run-Flat														
<b>K115B (Run-Flat)</b>														
<b>1013195</b>	<b>1095/55R16</b>	87W	6.0	5.5-7.0	51	1,201	24.4	8.1	6.3	9.4	850	21.7	280/A/A	BMW New Mini Standard (14-22)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

Ultra-High Performance All-Season



# ventus V4 ES



- T & H-Rated
- 35/55 Series

Ultra-High Performance with the benefit of all-season driving ability. State-of-the-art engineering, tread compound and profile design allow the Ventus V4 ES to offer excellent wet and dry handling with twice the all-season performance of a typical summer UHP tire.

## Dimension Data

Pattern Code **H105**

**PCR**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>1009669</b>	<b>175/55R15</b>	77T	5.5	5.0-6.0	51	908	22.6	7.2	6.0	10.0	921	15.2	420/A/A	Smart ForTwo Brabus coupe (FR)
<b>1009670</b>	<b>215/35R17</b>	79H	7.5	7.0-8.5	51	963	22.9	8.6	7.4	10.0	907	16.5	420/A/A	Smart ForTwo Brabus coupe (RR)

Available Sidewall = BSW (Black Sidewall)

Technical data subject to change without prior notice.

Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.

Ultra-High Performance All-Season



\*Over 40 series only



# ventus S1 noble<sup>2</sup>



- H, V & W-Rated
- 35/40/45/50/55 Series

Designed with an Asymmetric tread pattern, the Ventus S1 noble2 incorporates a Four Channel Rib Design for efficient water evacuation and an advanced silica rubber compound to offer impressive wet handling and braking. A straight Rib Block design applied to the outside of the tire's contact patch helps to prevent unwanted road noise and increase cornering grip, while multiple 3D Kerfs and Carving Edges provide improved winter condition traction. Additionally, the Ventus S1 noble2 offers a 50,000 mile limited treadlife warranty. The Ventus S1 noble2 is the Ideal Balance of All-Season Ultra-High Performance.

# Dimension Data

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1016065	195/55R16	87V	6.0	5.5-7.0	51	1,202	24.4	7.9	6.5	10.0	852	18.2	500/AA/A	
1014500	205/55ZR16	91W	6.5	5.5-7.5	51	1,356	24.9	8.3	6.8	10.0	835	20.1	500/AA/A	
1014531	215/55ZR16 XL	97W	7.0	6.0-7.5	50	1,609	25.3	8.9	7.1	10.0	822	23.7	500/AA/A	
1014502	225/55ZR16	95W	7.0	6.0-8.0	51	1,521	25.7	9.1	7.4	10.0	809	24.7	500/AA/A	
1014501	225/50ZR16	92W	7.0	6.0-8.0	51	1,389	24.7	9.8	7.4	10.0	840	21.4	500/AA/A	
1014532	205/50ZR17 XL	93W	6.5	5.5-7.5	50	1,433	25.2	8.3	6.8	10.0	824	19.3	500/AA/A	
1014515	205/45ZR17 XL	88W	7.0	6.5-7.5	50	1,235	24.3	8.1	7.0	10.0	857	19.0	500/AA/A	
1014503	215/55ZR17	94W	7.0	6.0-7.5	50	1,433	25.0	8.8	6.8	10.0	832	22.6	500/AA/A	
1014533	215/50ZR17 XL	95W	7.0	6.0-7.5	50	1,521	25.4	9.4	7.1	10.0	819	21.7	500/AA/A	
1014504	215/45ZR17 XL	91W	7.0	7.0-8.0	50	1,356	24.6	8.4	7.4	10.0	843	20.7	500/AA/A	
1014507	225/55ZR17	97W	7.0	6.0-8.0	51	1,609	26.6	9.6	7.5	10.0	780	24.7	500/AA/A	
1015480	225/55R17 XL	101H	7.0	6.0-8.0	50	1,819	26.7	9.2	7.5	10.3	757	26.7	500/B/A	Mercedes Benz Metris ('15-21)
1015312	225/55R17	97H	7.5	6.0-8.0	51	1,609	26.9	9.5	7.2	10.1	773	25.6	400/A/A	BMW New X1 ('15-22)
1014506	225/50ZR17	94W	7.0	6.0-8.0	51	1,477	25.9	9.1	7.5	10.0	803	22.3	500/AA/A	
1014505	225/45ZR17	91W	7.5	7.0-8.5	51	1,356	25.0	8.9	7.7	10.0	832	21.4	500/AA/A	
1014509	235/55ZR17	99W	7.5	6.5-8.5	51	1,709	27.0	10.0	7.8	10.0	769	26.3	500/AA/A	
1014867	235/55R17	99H	7.5	6.5-8.5	51	1,709	27.3	9.9	7.2	9.3	739	28.3	700/B/A	Ford Mustang ('14)
1014516	235/50ZR17	96W	7.5	6.5-8.5	51	1,565	26.1	10.0	7.8	10.0	794	25.0	500/AA/A	
1014508	235/45ZR17	94W	8.0	7.5-9.0	51	1,477	25.2	9.6	8.0	10.0	824	21.4	500/AA/A	
1014534	245/45ZR17 XL	99W	8.0	7.5-9.0	50	1,709	25.5	9.9	8.3	10.0	814	24.7	500/AA/A	
1014510	245/40ZR17	91W	8.5	8.0-9.5	51	1,356	24.6	10.1	8.4	10.0	845	21.3	500/AA/A	
1014518	225/50ZR18	95W	7.0	6.0-8.0	51	1,521	26.8	9.7	7.5	10.0	776	24.7	500/AA/A	
1014511	225/45ZR18 XL	95W	7.5	7.0-8.5	50	1,521	25.8	9.2	7.7	10.0	805	22.5	500/AA/A	
1014873	225/40R18 XL	92H	8.0	7.5-9.0	50	1,389	21.2	9.0	7.5	10.3	473	22.0	500/A/A	V.W Golf 7
1014499	225/40ZR18 XL	92W	8.0	7.5-9.0	50	1,389	25.0	9.3	7.7	10.0	831	22.5	500/AA/A	
1016111	225/40R18	88W	7.5	6.0-8.0	51	1,235	25.1	8.9	7.4	10.0	828	21.6	500/AA/A	Hyundai Elantra ('16-20)
1014512	235/50ZR18	97W	7.5	6.5-8.5	51	1,609	27.1	10.0	7.8	10.0	765	25.6	500/AA/A	
1014517	235/45ZR18 XL	98W	8.0	7.5-9.0	50	1,653	26.2	9.6	8.0	10.0	793	24.1	500/AA/A	
1016786	235/45R18	94V	7.5	7.5-9.0	51	1,477	27.0	9.1	7.7	10.3	746	23.7	500/AA/A	Hyundai LF Sonata ('14)
1014535	235/40ZR18 XL	95W	8.5	8.0-9.5	50	1,521	25.4	9.5	8.0	10.0	818	22.1	500/AA/A	
1014530	245/50ZR18	100W	7.5	7.0-8.5	51	1,764	27.5	10.5	8.1	10.0	754	27.0	500/AA/A	
1014537	245/45ZR18 XL	100W	8.0	7.5-9.0	50	1,764	26.5	9.9	8.3	10.0	784	25.2	500/AA/A	
1014536	245/40ZR18 XL	97W	8.5	8.0-9.5	50	1,609	25.7	9.6	8.4	10.0	808	24.3	500/AA/A	
1014520	255/45ZR18	99W	8.5	8.0-9.5	51	1,709	27.0	10.1	8.7	10.0	769	26.2	500/AA/A	
1014519	255/40ZR18	95W	9.0	8.5-10	51	1,521	26.0	10.2	8.7	10.0	798	24.8	500/AA/A	
1014513	255/35ZR18 XL	94W	9.0	8.5-10	50	1,477	24.9	10.6	8.7	10.0	835	22.6	500/AA/A	
1014521	265/35ZR18 XL	97W	9.5	9.0-10.5	50	1,609	25.3	10.7	9.1	10.0	821	24.9	500/AA/A	
1014522	275/35ZR18	95W	9.5	9.0-11	51	1,521	25.6	10.9	9.4	10.0	811	26.2	500/AA/A	
1014538	285/35ZR18 XL	101W	10.0	9.5-11	50	1,819	25.8	11.2	9.8	10.0	804	27.1	500/AA/A	
1014523	245/45ZR19 XL	102W	8.0	7.5-9.0	50	1,874	27.7	9.6	8.4	10.0	750	26.8	500/AA/A	
1014868	245/55R19	103V	7.5	7.0-8.5	51	1,929	29.8	10.2	8.2	10.5	697	32.7	500/AA/A	Ford Edge ('15)
1014525	255/45ZR19 XL	104W	8.5	8.0-9.5	50	1,984	28.1	10.0	8.7	10.0	739	28.3	500/AA/A	
1014524	255/40ZR19 XL	100W	9.0	8.5-10	50	1,764	27.0	10.2	8.7	10.0	769	27.0	500/AA/A	
1014514	255/35ZR19 XL	96W	9.0	8.5-10	50	1,565	26.0	10.2	8.7	10.0	799	25.2	500/AA/A	
1014526	275/40ZR19 XL	105W	9.5	9.0-11	50	2,039	27.7	10.9	9.4	10.0	750	29.3	500/AA/A	
1014527	245/40ZR20 XL	99W	8.5	8.0-9.5	50	1,709	27.7	9.8	8.4	10.0	750	26.2	500/AA/A	
1014869	245/50R20	102V	7.5	7.0-8.5	51	1,874	29.8	10.0	8.2	10.4	696	33.8	660/A/A	Lincoln MKX ('15), Ford Edge ('15)
1014528	255/35ZR20 XL	96W	9.0	8.5-10	50	1,565	27.0	10.2	8.7	10.0	769	26.2	500/AA/A	
1017315	255/50R20	105H	8.5	7.0-9.0	51	2,039	30.2	10.6	8.4	10.5	688	34.6	500/A/A	Ford Explorer ('15)
1014529	275/35ZR20 XL	102W	9.5	9.0-11	50	1,874	27.6	10.9	9.4	10.0	753	28.5	500/AA/A	

Available Sidewall = BSW (Black Sidewall)

Technical data subject to change without prior notice.

Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.

High Performance All-Season



# ventus V2 concept 2



- H, V & W-Rated
- 40/45/50/55 Series

Exhilarating Performance and Style. An advanced tread pattern along with a highly stylized sidewall design offers drivers impressive performance and cutting edge style.



## Dimension Data

Pattern Code **H457**

**PCR**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG
					psi	lbs							
1014361	195/50R15	82H	6.0	5.5-7.0	51	1,047	22.7	7.8	6.1	9.4	888	15.9	500/AA/A
1014376	205/50R15	86H	6.5	5.5-7.5	51	1,168	23.0	8.3	6.5	9.4	876	18.8	500/AA/A
1014359	195/55R15	85V	6.0	5.5-7.0	51	1,135	23.4	7.8	6.1	9.4	861	16.8	500/AA/A
1014367	205/45R16	83V	7.0	6.5-7.5	51	1,074	23.2	8.1	6.8	9.4	869	18.2	500/AA/A
1014360	205/50R16	87V	6.5	5.5-7.5	51	1,201	24.1	8.3	6.5	9.4	837	19.6	500/AA/A
1014369	225/50R16	92V	7.0	6.0-8.0	51	1,389	24.9	9.0	7.1	9.4	811	22.1	500/AA/A
1014372	245/50R16	97H	7.5	7.0-8.5	51	1,609	25.7	10.0	7.7	9.4	786	24.4	500/AA/A
1014375	185/55R16	83H	6.0	5.0-6.5	51	1,074	24.0	7.6	5.8	9.4	840	16.6	500/AA/A
1014358	205/55R16 XL	94V	6.5	5.5-7.5	50	1,477	24.9	9.1	6.5	9.4	811	20.4	500/AA/A
1014373	215/55R16 XL	97V	7.0	6.0-7.5	50	1,609	25.3	8.9	6.7	9.4	798	22.6	500/AA/A
1014368	225/55R16 XL	99V	7.0	6.0-8.0	50	1,709	25.7	9.1	7.0	9.4	786	23.9	500/AA/A
1014378	205/40R17 XL	84V	7.5	7.0-8.0	50	1,102	23.5	8.3	6.8	9.4	859	18.0	500/AA/A
1014371	205/45R17 XL	88V	7.0	6.5-7.5	50	1,235	24.3	8.0	6.8	9.4	829	18.7	500/AA/A
1014363	215/45R17 XL	91V	7.0	7.0-8.0	50	1,356	24.6	8.3	7.1	9.4	819	20.3	500/AA/A
1014365	225/45R17 XL	94V	7.5	7.0-8.5	50	1,477	25.0	8.8	7.5	9.4	808	21.5	500/AA/A
1014366	235/45R17 XL	97V	8.0	7.5-9.0	50	1,609	25.3	9.3	7.8	9.4	798	23.2	500/AA/A
1014379	245/45R17	95V	8.0	7.5-9.0	51	1,521	25.6	9.6	8.1	9.7	787	24.7	500/AA/A
1014370	205/50R17 XL	93V	6.5	5.5-7.5	50	1,433	25.2	8.1	6.5	9.4	802	19.7	500/AA/A
1014362	215/50R17	91V	7.0	6.0-7.5	51	1,356	25.5	8.9	6.7	9.7	791	22.0	500/AA/A
1014364	225/50R17 XL	98V	7.0	6.0-8.0	50	1,653	25.9	9.0	7.0	9.4	779	23.7	500/AA/A
1014377	215/45R18 XL	93V	7.0	7.0-8.0	50	1,433	25.6	8.4	7.1	9.4	787	20.1	500/AA/A
1015032	225/40R18 XL	92W	8.0	7.5-9.0	50	1,389	25.1	8.9	7.5	9.4	805	21.4	500/AA/A

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

Performance All-Season



M+S

# ventus H101



- S-Rated
- 50/60 Series
- Outlined White Letters

A 50/60 series All-Season Performance tire that offers excellent handling and traction without sacrificing treadwear. A computer optimized tread pattern ensures a smooth, quiet ride and excellent handling for year-round driving satisfaction.

## Dimension Data

Pattern Code **H101** PCR

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG
					psi	lbs							
<b>1000934</b>	<b>P265/50R15</b>	99S	8.5	7.5-9.5	44	1,720	25.4	10.7	9.1	10.5	818	27.3	400/A/B
<b>1000935</b>	<b>P295/50R15</b>	105S	9.5	8.0-10.5	44	2,061	26.6	12.0	10.2	11.0	781	32.2	400/A/B
<b>1000941</b>	<b>P275/60R15</b>	107S	8.0	7.5-9.5	44	2,149	27.9	10.8	8.9	11.0	745	30.7	400/A/B

Available Sidewall = OWL (Outlined Whited Sidewall)  
 Technical data subject to change without prior notice.



# OPTIMO H426



- S, T, H & V-Rated
- 40/45/50/55/60/65 Series

The perfect balance between performance and comfort. The Optimo H426 adopts a unique rib-block design for its shoulder to minimize vibration and noise and to provide a quiet, smooth ride. The use of an advanced silica tread compound offers improved All-Season performance, better treadwear and lower Rolling Resistance for better fuel economy. The Optimo H426 is where All-Season Touring, Luxury and Performance meet.

# Dimension Data

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1011292	175/65R15	84H	5.0	5.0-6.0	44	1,102	24.0	7.1	5.7	9.5	865	15.6	440/A/A	
1015406	175/65R15	84H	5.0	5.0-6.0	51	1,102	23.9	7.1	5.1	9.7	844	15.9	400/A/A	BMW New Mini ('14)
1011163	185/60R15	84H	5.5	5.0-6.5	35	1,102	23.7	8.0	6.0	10.5	877	17.5	380/A/A	Ford Fiesta F/L ('12)
1012644	185/65R15	88H	5.5	5.0-6.5	44	1,235	24.3	7.4	5.3	9.5	857	16.3	440/A/A	
1011297	195/65R15	91H	6.0	5.5-7.0	44	1,356	25.0	7.9	5.8	10.0	832	18.1	440/A/A	
1012851	195/65R15	91S	6.0	5.5-7.0	51	1,356	25.2	7.8	5.7	9.7	802	18.1	440/A/A	Toyota New Corolla
1011289	P195/60R15	87H	6.0	5.5-7.0	44	1,190	24.3	7.9	6.3	9.5	857	17.7	440/A/A	
1011363	P195/65R15	89T	5.5	5.0-6.5	44	1,279	25.0	7.6	5.8	10.0	830	17.4	440/A/A	Hyundai Elantra
1011290	P205/60R15	90H	6.0	5.5-7.0	44	1,301	24.7	8.1	7.0	10.0	842	19.3	440/A/A	
1006358	P205/65R15	92H	6.0	5.5-7.0	44	1,400	25.3	8.1	6.0	10.0	820	20.5	380/A/A	Kia Carens
1011165	195/50R16	84H	6.5	6.0-7.5	51	1,102	23.7	8.1	6.9	10.0	876	19.4	440/A/A	Ford Fiesta
1012645	195/60R16	89H	6.0	5.5-7.0	44	1,279	25.3	7.9	6.3	10.0	822	18.9	440/A/A	
1011283	215/55R16 XL	97H	7.0	6.0-7.5	50	1,609	25.3	8.8	6.7	10.0	822	22.1	440/A/A	
1011298	215/60R16	95V	6.5	6.0-7.5	44	1,521	26.2	8.7	6.4	10.0	793	22.9	380/A/A	
1010692	215/60R16	95T	6.5	6.0-7.5	51	1,521	26.3	8.8	7.0	10.1	768	24.0	440/A/A	V.W New Passat
1011282	225/50R16	92V	7.0	6.0-8.0	51	1,389	24.9	9.0	7.0	10.0	835	21.4	440/A/A	
1011284	225/55R16	95H	7.0	6.0-8.0	51	1,521	25.7	9.1	7.0	10.0	807	23.7	440/A/A	
1012486	225/60R16	98H	6.5	6.0-8.0	44	1,709	28.8	9.0	7.0	10.0	721	24.1	440/A/A	
1012353	P195/55R16	86T	6.0	5.5-7.0	44	1,168	24.4	7.9	6.0	9.7	827	17.7	440/A/A	Kia Rio
1011281	P205/50R16	86H	6.5	6.0-7.5	44	1,168	24.1	8.3	6.5	10.0	862	18.2	440/A/A	
1011352	P205/55R16	89H	6.0	5.5-7.0	44	1,279	25.1	8.1	6.3	10.0	828	18.8	440/A/A	Hyundai Elantra
1012773	P205/55R16	89H	6.5	5.5-7.5	44	1,279	24.6	8.4	6.6	10.0	844	20.2	440/A/A	Honda Civic
1008652	P205/60R16	91V	6.5	6.0-7.5	44	1,356	25.7	8.4	6.1	10.0	809	20.8	380/A/A	Chevrolet Cruze
1010865	P205/65R16	94H	6.5	6.0-7.5	44	1,477	26.5	8.4	6.1	10.0	783	21.0	440/A/A	Hyundai YF Hybrid
1014719	P215/60R16	94T	6.5	6.0-7.5	44	1,477	26.2	9.0	6.4	9.7	771	20.9	640/B/A	Nissan New Altima
1012111	205/45R17	84V	6.5	6.5-7.5	44	1,102	24.4	7.8	6.6	10.0	851	18.6	440/A/A	Kia Rio
1012483	215/45R17 XL	87H	7.0	7.0-8.0	50	1,356	24.6	8.3	7.2	10.0	843	19.6	440/A/A	Hyundai Elantra
1012646	215/50R17 XL	95V	7.0	6.0-7.5	50	1,433	25.5	8.7	6.7	10.0	814	22.5	440/A/A	
1010383	215/55R17	94H	7.0	6.0-7.5	51	1,477	26.2	9.4	7.1	10.0	820	23.2	440/A/A	V.W New Passat
1011301	225/50R17	94V	7.0	6.0-8.0	51	1,477	25.9	9.1	7.0	10.0	803	22.6	440/A/A	
1011302	235/55R17	99H	7.5	6.5-8.5	51	1,709	27.2	9.6	7.4	10.0	765	26.3	440/A/A	
1007623	P215/55R17	93V	6.5	6.0-7.5	44	1,433	26.1	8.4	7.3	10.0	795	22.2	440/A/A	Hyundai Sonata
1010878	P225/50R17	93H	6.5	6.0-7.5	44	1,433	25.9	8.8	6.9	10.0	803	23.1	380/A/A	Kia Rondo
1009085	P225/55R17	95V	7.0	6.0-8.0	44	1,521	26.8	9.1	6.5	10.0	775	25.3	440/A/A	Kia Cadenza
1012482	P245/50R17	98V	7.5	7.0-8.5	44	1,653	26.7	9.8	7.7	10.1	757	27.1	440/A/A	
1010384	235/45R18	94H	8.0	7.5-9.0	51	1,477	26.4	9.7	7.5	10.0	831	25.8	440/A/A	V.W New Passat
1012356	235/55R18	100H	7.5	6.5-8.5	44	1,764	28.0	9.3	7.4	10.0	743	28.7	440/A/A	Kia Sportage
1016087	P225/40R18	88V	8.0	7.5-9.0	44	1,235	25.1	8.9	7.2	9.7	805	21.1	440/A/A	
1010211	P225/45R18	91V	7.5	7.0-8.5	44	1,356	25.8	8.6	7.1	10.0	805	24.1	440/A/A	Kia Rondo
1011285	P225/55R18	97H	7.0	6.0-8.0	44	1,609	27.8	9.1	7.0	10.0	748	25.8	440/A/A	
1011295	P225/60R18	99H	6.5	6.0-8.0	44	1,709	28.8	9.0	7.0	10.0	721	27.3	440/A/A	
1012434	P235/45R18	94V	7.5	7.5-9.0	44	1,477	26.3	9.1	7.3	10.0	790	26.1	440/A/A	Kia Soul
1006906	P235/50R18	97V	7.5	6.5-8.5	44	1,609	27.1	9.6	7.3	10.0	766	26.9	440/A/A	Hyundai Genesis
1012102	P245/45R18	96V	8.0	7.5-9.0	44	1,565	26.8	9.4	7.9	10.0	781	26.5	440/A/A	Hyundai Azera
1015786	P245/50R18	99V	7.5	7.0-8.5	44	1,709	27.7	10.0	7.6	9.7	729	27.7	440/A/A	Kia K900
1013647	225/55R19	99H	7.0	6.0-8.0	51	1,709	28.9	9.1	7.0	10.0	720	27.0	440/A/A	
1012701	P245/40R19	94V	8.5	8.0-9.5	44	1,477	26.8	9.5	8.2	10.0	781	26.9	440/A/A	Hyundai Azera
1015787	P245/45R19	98V	8.0	7.5-9.0	44	1,653	27.8	9.8	7.7	9.7	748	27.9	440/A/A	Kia K900
1015788	P275/40R19	101V	9.0	8.5-10.0	44	1,819	27.8	10.7	8.7	9.8	748	31.1	440/A/A	Kia K900
1010281	255/45R20	101V	8.5	8.0-9.5	51	1,819	29.1	10.0	8.5	11.0	715	33.0	440/A/A	Ford Flex, Lincoln MKT
1010505	P255/50R20	104H	8.0	7.0-9.0	51	1,984	30.2	10.7	8.5	11.0	688	35.3	440/A/A	Ford Explorer
<b>H426B(Run-Flat)</b>														
1013249	195/55R16	87V	6.0	5.5-7.0	51	1,201	24.4	8.2	6.3	9.7	825	21.7	400/A/A	BMW New Mini ('14)
1013250	205/45R17 XL	88V	7.0	6.5-7.5	50	1,235	24.3	8.1	7.1	9.7	832	21.0	400/A/A	BMW New Mini ('14)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.  
 Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.



# KINERGY GT



- H, T & V-Rated
- 40/45/50/55/60/65 Series

The KINERGY GT adopts wide circumferential 4 channel grooves to provide maximum water evacuation which promotes wet traction. Optimized tread design with lateral groove and chamfer sipe maximizes snow performances on winter driving conditions. The KINERGY GT provides ideal All Season Performance for your luxury vehicles.

## Dimension Data

Pattern Code **H436** **PCR**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1016154	185/65R15	88H	5.5	5.0-6.5	51	1,235	24.6	7.4	5.8	10.0	846	17.3	540/A/A	
1016155	195/60R15	88H	6.0	5.5-7.0	51	1,235	24.3	7.9	6.1	10.0	854	18.5	540/A/A	
1016156	195/65R15	91H	6.0	5.5-7.0	51	1,356	25.1	8.0	6.1	10.0	828	18.5	540/A/A	
1015532	195/65R15	91T	6.0	5.5-7.0	51	1,356	25.1	7.9	6.0	9.7	828	16.8	540/A/A	HYUNDAI Elantra ('16-20)
1016157	205/65R15	94H	6.0	5.5-7.5	51	1,477	25.6	8.3	6.5	10.2	813	20.5	540/A/A	
1014871	205/55R16	91H	6.5	5.5-7.0	51	1,356	24.9	8.5	6.4	10.3	834	20.6	540/A/A	V.W Golf 7('15-)
1016295	205/55R16	91H	6.5	5.5-7.0	51	1,356	24.9	8.6	6.2	8.8	834	18.1	520/B/A	CHEVROLET Cruze ('16-21)
1015534	205/55R16	91H	6.5	5.5-7.0	51	1,356	25.0	8.5	6.5	9.7	831	18.3	540/A/A	HYUNDAI Elantra ('16-20)
1016158	205/60R16	92H	6.0	5.5-7.5	51	1,389	25.8	8.1	6.5	10.2	805	21.6	540/A/A	
1015165	205/65R16	95H	6.5	5.5-7.5	51	1,521	26.3	8.5	6.3	10.2	767	22.1	500/A/A	HYUNDAI LF Sonata ('14)
1015886	215/55R16	93H	7.0	6.5-7.5	51	1,433	25.2	8.9	6.5	9.4	824	20.6	500/A/A	HONDA Civic ('15-20)
1015790	215/60R16	95H	6.5	6.0-7.5	51	1,521				9.8		22.6	540/A/A	
1014971	215/60R16	95T	6.5	6.0-7.5	51	1,521	26.3	8.7	6.7	10.0	791	23.7	540/A/A	V.W New Passat, New Beetle ('14)
1016159	225/60R16	98V	6.5	6.0-8.0	51	1,653	26.6	9.0	7.1	10.2	780	24.8	540/A/A	
1016160	215/45R17 XL	91V	7.0	7.0-8.0	50	1,356	24.7	8.3	7.1	10.0	841	20.1	540/A/A	
1016161	215/50R17 XL	95V	7.0	6.0-7.5	50	1,521	25.6	8.7	6.7	10.0	813	23.8	540/A/A	
1016785	215/55R17	94V	7.0	6.0-7.5	51	1,477	26.3	8.9	7.0	10.2	767	22.6	500/A/A	HYUNDAI LF Sonata ('14)
1014972	215/55R17	94H	7.0	6.0-7.5	51	1,477	26.5	9.0	6.7	10.0	785	22.7	540/A/A	V.W New Passat, New Beetle ('14)
1016162	215/60R17	96H	6.5	6.0-7.5	51	1,565	27.2	8.7	6.8	10.2	763	24.8	540/A/A	
1014872	225/45R17	91H	7.5	7.0-8.0	51	1,356	25.0	8.7	7.5	10.3	831	21.8	540/A/A	V.W Golf 7('15-)
1015535	225/45R17	91W	7.5	7.0-8.0	51	1,356	25.0	8.7	7.2	10.0	831	21.0	540/A/A	HYUNDAI Elantra ('16-20)
1016163	225/50R17	94V	7.0	6.0-8.0	51	1,477	25.9	9.1	7.0	10.0	802	23.1	540/A/A	
1015891	P225/55R17	95H	7.0	6.0-8.0	51	1,521	26.7	9.3	7.2	9.4	779	24.5	540/B/A	CHEVROLET Malibu ('16-'21)
1015527	225/60R17	99H	7.0	6.0-8.0	51	1,709	27.7	9.1	7.1	10.2	751	27.5	540/A/A	HYUNDAI Tucson, KIA Sportage R (15-)
1016164	235/45R17	94H	8.0	7.5-9.0	51	1,477	25.5	9.3	7.8	9.0	816	22.6	540/A/A	
1016165	235/55R17	99H	8.0	6.5-8.5	51	1,709	27.1	9.7	7.4	9.0	766	27.3	540/A/A	
1016166	225/45R18	91V	7.5	7.0-8.5	51	1,356	26.0	8.9	7.5	10.0	800	22.6	540/A/A	
1014973	235/45R18	94H	8.0	7.5-9.0	51	1,477	26.5	9.4	7.8	10.0	785	24.2	540/A/A	V.W New Passat, New Beetle('14)
1016167	245/45R18	96V	8.0	7.5-9.0	51	1,565	26.7	9.6	8.1	10.0	779	26.2	540/A/A	
1016168	245/40R19	94V	8.5	8.0-9.5	51	1,477	26.7	9.6	8.1	10.2	777	25.6	540/A/A	
1015528	245/45R19	98H	7.5	7.5-9.0	51	1,653	27.8	9.3	8.0	10.2	752	29.1	540/A/A	HYUNDAI Tucson, KIA Sportage R (15-)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

Premium Touring All-Season



# OPTIMO H727



- H & T-Rated
- 50/55/60/65/70/75 Series

The Optimo H727 incorporates a computer calculated tread design featuring FSO (Footprint Shape Optimization) to create a Premium Touring All-Season tire that provides a quiet, comfortable ride with outstanding treadwear properties. Hundreds of "sipes" and four open grooves assure outstanding traction in all-season conditions.



## Dimension Data

Pattern Code **H727** **PCR**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	Note
					psi	lbs								
1006111	P185/65R14	85T	5.5	5.0-6.5	44	1,124	23.4	7.4	6.2	11.5	888	17.2	700/A/B	
1006836	P185/60R15	84T	5.5	5.0-6.5	44	1,102	23.7	7.4	6.4	11.5	875	17.0	700/A/B	
1006117	P195/60R15	87T	6.0	5.5-7.0	44	1,190	24.2	7.8	6.7	11.5	858	18.5	700/A/B	
1006112	P195/65R15	89T	6.0	5.5-7.0	44	1,279	25.0	7.9	6.5	11.5	831	19.0	700/A/B	
1006113	P205/65R15	92T	6.0	5.5-7.5	44	1,400	25.5	8.1	6.9	12.0	816	21.3	700/A/B	
1006105	P205/70R15	95T	6.0	5.0-7.0	44	1,499	26.3	8.2	6.9	12.0	789	22.6	700/A/B	
1006106	P215/70R15	97T	6.5	5.5-7.0	44	1,620	26.9	8.8	7.2	12.0	773	24.4	700/A/B	
1006103	P235/75R15 XL	108T	6.5	6.0-8.0	50	2,183	28.9	9.4	7.7	12.0	720	30.4	700/A/B	
1006123	P205/55R16	89T	6.5	5.5-7.5	44	1,279	24.9	8.3	7.0	11.5	834	20.2	700/A/B	
1006120	P205/60R16	91T	6.0	5.5-7.5	44	1,356	25.7	8.1	7.0	11.5	807	21.2	700/A/B	
1017467	P205/65R16	94H	6.0	5.5-7.5	44	1,477	26.5	8.2	6.9	11.6	785	22.5	700/A/B	
1005468	P215/60R16	94T	6.5	6.0-7.5	44	1,477	26.2	8.6	7.4	11.5	792	22.5	700/A/B	
1006116	P215/65R16	96T	6.5	6.0-7.5	44	1,565	27.0	8.6	7.2	12.0	768	24.4	700/A/B	
1006121	P225/60R16	97T	6.5	6.0-8.0	44	1,609	26.7	8.9	8.0	12.0	779	25.4	700/A/B	
1011822	225/65R16	100T	6.5	6.0-8.0	44	1,764	27.5	9.0	8.0	12.0	756	27.0	700/A/B	
1006122	P235/60R16	99T	7.0	6.5-8.5	44	1,709	27.2	9.3	8.1	12.0	765	26.6	700/A/B	
1006837	P235/65R16	101T	7.0	6.5-8.5	44	1,819	28.1	9.5	7.9	12.5	739	27.6	700/A/B	
1007265	P215/60R17	95T	6.5	6.0-7.5	44	1,521	27.2	8.7	7.2	12.0	764	25.3	700/A/B	
1006838	P215/65R17	98T	6.5	6.0-7.5	44	1,653	28.0	8.7	7.2	12.0	741	26.3	700/A/B	
1017468	P225/55R17	95H	7.0	6.0-8.0	44	1,521	26.8	9.0	7.8	11.5	775	24.8	700/A/B	
1017469	P225/60R17	98H	6.5	6.0-8.0	44	1,653	27.8	8.9	7.8	11.9	748	26.8	700/A/B	
1013657	P225/65R17	100T	6.5	6.0-8.0	44	1,764	28.5	9.1	7.8	12.0	729	28.3	700/A/B	
1013658	P235/60R17	100T	7.0	6.5-8.5	44	1,764	28.1	9.4	8.1	12.0	739	29.2	700/A/B	
1009492	P225/50R18	94T	7.0	6.0-8.0	44	1,477	26.9	9.2	7.8	12.0	772	23.9	700/A/B	
1019537	P215/55R18	94H	7.0	6.0-7.5	44	1,477	27.4	8.7	7.4	11.5	757	23.5	700/A/B	
1007787	P225/55R18	97T	7.0	6.0-8.0	44	1,609	27.8	9.2	7.8	12.0	747	26.9	700/A/B	

Available Sidewall = BSW  
 Technical data subject to change without prior notice.



M+S



# OPTIMO H725



- T, H, V-Rated
- 55/60/65/70 Series

The Touring All-Season Optimo H725 combines quality with value. An innovative internal construction offers improved handling and durability, while an advanced tread pattern provides excellent wet and dry braking and winter performance with an emphasis on low road noise.

# Dimension Data

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1013977	P185/65R14	85T	5.5	5.0-6.5	51	1,124	23.3	7.4	5.6	10.6	891	15.8	700/A/B	
1014463	P185/70R14	87T	5.5	4.5-6.0	51	1,201	24.6	7.7	5.4	10.5	844	16.1	700/A/B	
1014470	P195/70R14	90T	6.0	5.0-6.5	51	1,312	24.7	7.9	5.7	10.5	840	17.8	700/A/B	
1004716	P225/70R14	98T	6.5	6.0-7.5	51	1,675	26.3	8.9	6.6	10.9	789	23.0	700/A/B	
1013978	P185/65R15	86T	5.5	5.0-6.5	51	1,168	24.3	7.4	5.6	10.6	854	16.9	700/A/B	
1013283	P195/60R15	87T	6.0	5.5-6.5	51	1,190	24.4	7.8	6.5	7.5	851	17.6	700/A/B	
1013979	P195/65R15	89T	6.0	5.5-7.0	51	1,279	24.9	7.8	5.9	10.7	835	17.7	700/A/B	
1014469	P205/65R15	92H	6.0	5.5-7.5	51	1,400	25.4	8.1	6.2	10.4	819	19.3	700/A/B	
1013965	P215/70R15	97T	6.5	5.5-7.0	51	1,620	26.8	8.7	6.3	11.0	775	23.2	700/A/B	
1014464	P225/70R15	100T	6.5	6.0-7.5	51	1,753	27.4	8.9	6.8	11.4	758	24.7	700/A/B	
1014465	P235/70R15	102T	7.0	6.0-8.0	51	1,896	27.9	9.4	6.9	11.0	744	25.9	700/A/B	
1013980	P205/55R16	89H	6.5	5.5-7.5	51	1,279	23.7	8.2	6.6	10.4	875	18.5	700/A/B	
1013981	P205/60R16	91V	6.0	5.5-7.5	51	1,356	25.6	8.1	6.4	10.4	811	20.5	700/A/B	
1013983	P215/60R16	94V	6.5	6.0-7.5	51	1,477	25.6	8.1	6.7	10.5	811	21.9	700/A/B	
1013988	P215/65R16	96T	6.5	6.0-7.5	51	1,565	26.9	8.6	6.5	10.8	771	23.2	700/A/B	
1013982	P225/60R16	97T	6.5	6.0-8.0	51	1,609	26.5	9.3	7.0	11.2	784	23.8	700/A/B	
1013987	P235/60R16	99T	7.0	6.5-8.5	51	1,709	27.0	9.3	7.3	10.8	769	24.9	700/A/B	
1013989	P235/65R16	101T	7.0	6.5-8.5	51	1,819	28.0	9.4	7.1	11.0	743	25.4	700/A/B	
1013991	P215/60R17	95T	6.5	6.0-7.5	51	1,521	27.0	9.1	6.7	11.1	770	23.6	700/A/B	
1013993	P215/65R17	98T	6.5	6.0-7.5	51	1,653	27.8	8.6	6.5	10.5	746	24.2	700/A/B	
1013990	P225/55R17	95T	7.0	6.0-8.0	51	1,521	26.5	9.6	7.2	11.2	783	24.5	700/A/B	
1013992	P225/60R17	98T	6.5	6.0-8.0	51	1,653	27.6	8.9	7.0	10.6	754	25.1	700/A/B	
1013994	P225/65R17	100T	6.5	6.0-8.0	51	1,764	28.3	8.9	6.8	10.6	733	25.5	700/A/B	
1006957	P235/60R17	100T	7.0	6.5-8.5	44	1,742	28.1	9.5	7.9	10.0	739	27.5	740/A/B	Ford Flex (09-15), Ford Taurus (10-15)
1013995	P235/65R17	103H	7.0	6.5-8.5	51	1,929	29.0	9.4	7.1	10.8	717	27.9	700/A/B	
1010731	P235/55R18	99T	7.5	6.5-8.5	44	1,709	28.0	9.3	7.9	11.0	741	28.9	620/A/B	Chevrolet Captiva (12-13)
1006986	P235/55R18	99H	7.5	6.5-8.5	44	1,709	28.0	9.3	7.9	11.0	741	28.6	620/A/B	Saturn Vue (08-09)
1007237	P235/55R19	101H	7.5	6.5-8.5	44	1,819	29.2	9.7	7.9	11.0	711	29.1	600/A/A	Ford Flex (09-15)
1008187	P235/55R19	101H	7.5	6.5-8.5	44	1,819	29.2	9.7	7.9	11.0	711	29.8	600/A/A	Chevrolet Equinox (10-11), GMC Terrain (10-14), Chrysler 300 (12-13)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.  
 Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.

Standard Touring All-Season



# OPTIMO H724



- S & T-Rated
- 60/65/70/75 Series

The Optimo H724 is designed to provide drivers with a tire that delivers great handling, a comfortable ride, longer mileage and All-Season traction at a surprisingly affordable price. The Optimo H724's tread pattern features a center rib designed for improved stability and computer optimized grooves to maximize water evacuation for enhanced All-Season performance.

# Dimension Data

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1010983	P175/70R13	82T	5.0	4.5-5.5	44	1,036	22.7	7.0	4.6	9.5	916	12.8	500/A/B	
1011704	P185/60R14	82T	5.5	5.0-6.5	44	1,047	22.8	7.4	5.2	9.5	913	14.5	500/A/B	
1011706	P195/60R14	85T	6.0	5.5-7.0	44	1,135	23.2	7.9	5.4	10.0	894	15.6	500/A/B	
1010987	P175/65R14	81T	5.0	5.0-6.0	44	1,019	23.0	7.0	4.9	9.5	903	13.8	500/A/B	
1010986	P185/65R14	85T	5.5	5.0-6.5	44	1,124	23.5	7.4	5.2	9.5	885	15.1	500/A/B	
1013034	P175/70R14	84T	5.0	4.5-6.0	44	1,102	23.7	7.0	4.6	9.5	876	15.4	500/A/B	Hyundai Accent (11-16)
1010985	P185/70R14	87T	5.5	4.5-6.0	44	1,201	24.3	7.4	4.8	10.0	857	15.1	500/A/B	
1010999	P195/70R14	90T	6.0	5.0-6.5	44	1,312	24.8	7.9	5.1	10.0	838	15.9	500/A/B	
1013914	P205/70R14	93T	6.0	5.0-7.0	44	1,433	25.4	8.2	5.3	10.0	819	18.0	500/A/B	
1013907	P215/70R14	96T	6.5	5.5-7.0	44	1,554	25.9	8.7	5.6	10.0	802	19.1	500/A/B	
1011005	* P185/75R14	89S	5.0	4.5-6.0	44	1,290	25.0	7.2	4.6	10.0	832	15.7	500/A/B	
1011010	* P195/75R14	92S	5.5	5.0-6.5	44	1,400	25.5	7.7	4.8	10.0	814	17.3	500/A/B	
1010991	* P205/75R14	95S	5.5	5.0-7.0	44	1,532	26.1	8.0	5.0	10.0	795	19.1	500/A/B	
1011002	* P215/75R14	98S	6.0	5.5-7.0	44	1,664	26.7	8.5	5.3	10.0	778	20.4	500/A/B	
1011696	P185/60R15	84T	5.5	5.0-6.5	44	1,102	23.7	7.4	5.2	9.5	875	15.4	500/A/B	
1010993	P195/60R15	87T	6.0	5.5-7.0	44	1,190	24.2	7.9	5.4	10.0	858	16.5	500/A/B	
1011709	P205/60R15	90T	6.0	5.5-7.5	44	1,301	24.7	8.2	5.7	10.0	842	17.7	500/A/B	
1011697	P215/60R15	93T	6.5	6.0-7.5	44	1,411	25.2	8.7	6.0	10.0	826	19.0	500/A/B	
1011707	P185/65R15	86T	5.5	5.0-6.5	44	1,168	24.4	7.4	5.2	9.5	850	16.2	500/A/B	
1010997	P195/65R15	89T	6.0	5.5-7.0	44	1,279	25.0	7.9	5.4	10.0	831	17.2	500/A/B	
1011006	P205/65R15	92T	6.0	5.5-7.5	44	1,400	25.5	8.2	5.7	10.0	816	19.0	500/A/B	
1011710	P215/65R15	95T	6.5	6.0-7.5	44	1,510	26.0	8.7	6.0	10.0	798	20.3	500/A/B	
1013906	* P205/70R15	95T	6.0	5.0-7.0	44	1,499	26.3	8.2	5.3	10.0	789	18.9	500/A/B	
1013905	P215/70R15	97T	6.5	5.5-7.0	44	1,620	26.9	8.7	5.6	10.0	773	21.2	500/A/B	
1013908	P225/70R15	100T	6.5	6.0-7.5	44	1,753	27.4	9.0	5.9	10.5	757	22.4	500/A/B	
1010990	P205/75R15	97S	5.5	5.0-7.0	44	1,598	27.1	8.0	5.0	10.0	766	20.1	500/A/B	
1010992	* P215/75R15	100S	6.0	5.5-7.0	44	1,742	27.7	8.5	5.3	10.0	751	22.1	500/A/B	
1011009	* P225/75R15	102S	6.0	6.0-7.5	44	1,874	28.3	8.8	5.6	10.5	734	23.7	500/A/B	
1010988	* P235/75R15 XL	108S	6.5	6.0-8.0	50	2,183	28.9	9.3	5.8	10.5	720	26.4	500/A/B	
1011000	P205/60R16	91T	6.0	5.5-7.5	44	1,356	25.7	8.2	5.7	10.0	809	19.2	500/A/B	
1011003	P215/60R16	94T	6.5	6.0-7.5	44	1,477	26.1	8.7	6.0	10.0	795	20.7	500/A/B	
1011011	P225/60R16	97T	6.5	6.0-8.0	44	1,609	26.6	9.0	6.3	10.5	781	22.5	500/A/B	
1011699	P235/60R16	99T	7.0	6.5-8.5	44	1,709	27.1	9.4	6.6	10.5	767	23.5	500/A/B	
1011698	P205/65R16	94T	6.0	5.5-7.5	44	1,477	26.5	8.2	5.7	10.0	785	19.9	500/A/B	
1011007	P215/65R16	96T	6.5	6.0-7.5	44	1,565	27.0	8.7	6.0	10.0	769	22.0	500/A/B	
1011700	P235/65R16	101T	7.0	6.5-8.5	44	1,819	28.0	9.4	6.6	10.5	741	24.9	500/A/B	
1011701	P215/60R17	95T	6.5	6.0-7.5	44	1,521	27.2	8.7	6.0	10.0	765	23.0	500/A/B	
1011703	P225/60R17	98T	6.5	6.0-8.0	44	1,653	27.6	9.0	6.3	10.5	752	24.4	500/A/B	
1011702	P215/65R17	98T	6.5	6.0-7.5	44	1,653	28.0	8.7	6.0	10.0	741	23.7	500/A/B	

Available Sidewall = BSW (Black Sidewall) / \* WSW (White Sidewall)  
 Technical data subject to change without prior notice.  
 Mileage warranty applies only to replacement tires. Original Equipment tires are excluded.



M+S

# ventus ST



- V & W-Rated
- 35/40/45/50/55/60 Series

Designed for the high performance Luxury SUV and Light Truck market. The Sport Performance All-Season Ventus ST takes driving to a new level. Controlled Footprint Shape technology ensures maximum contact patch performance to provide remarkable road handling and traction.

## Dimension Data

Pattern Code **RH06** **SUV/LT**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG
					psi	lbs							
1004322	255/50R17	101W	8.0	7.0-9.0	51	1,819	27.1	10.3	8.8	11.0	767	30.7	420/A/A
1003968	275/60R17	110V	8.0	7.5-9.5	44	2,337	30.0	10.8	9.4	12.5	692	37.8	420/A/A
1004324	295/45R18	108V	10.0	9.5-11.0	51	2,205	28.5	11.5	9.8	11.0	729	34.8	420/A/A
1004328	275/40R20 XL	106W	9.5	9.0-10.5	50	2,094	28.7	10.8	9.5	11.0	724	33.1	420/A/A
1004296	275/45R20 XL	109V	9.0	8.5-10.0	50	2,271	29.8	10.6	9.2	11.0	697	34.9	420/A/A
1004231	295/45R20 XL	114V	10.0	9.5-11.0	50	2,601	30.5	11.7	9.8	11.0	681	38.4	420/A/A
1004295	275/55R20 XL	117V	8.5	7.5-9.5	50	2,833	31.9	11.1	9.2	11.0	651	39.9	420/A/A
1004914	265/35R22 XL	102W	9.5	9.0-10.5	50	1,874	29.3	10.6	8.8	11.0	709	32.2	420/A/A
1007457	265/40R22 XL	106V	9.5	9.0-10.5	50	2,094	30.4	10.6	8.8	11.0	683	34.5	420/A/A
1005412	305/40R22 XL	114V	11.0	10.0-12.0	50	2,601	31.6	12.2	10.5	11.0	645	40.1	420/A/A
1008409	275/45R22 XL	112V	9.0	8.5-10.5	50	2,469	31.8	10.7	9.2	11.0	654	37.8	420/A/A
1007301	285/45R22 XL	114V	9.5	9.0-10.5	50	2,601	32.1	11.2	9.5	11.0	633	40.1	420/A/A
1004712	305/45R22 XL	118V	10.0	9.5-11.0	50	2,910	32.8	11.8	10.6	11.0	575	43.1	420/A/A

Available Sidewall = BSW (Black Sidewall)

Technical data subject to change without prior notice.



M+S

# ***Dynapro HP2***



- H & V-Rated
- 50/55/60/65/70 Series

High-Performance All-Season ability for SUVs, Crossover Vehicles and Light Trucks. Latest technology offers improved Wet & Dry Traction as well as Low Rolling Resistance for Improved Vehicle Fuel Economy



# Dimension Data

Pattern Code **RA33**

**SUV/LT**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1014142	235/60R16	100H	7.0	6.5-8.5	51	1,764	27.0	9.4	7.4	10.7	746	28.3	640/A/A	
1014138	255/65R16	109H	7.5	7.0-9.0	51	2,271	28.9	10.2	8.0	10.7	697	32.1	640/A/A	
1014141	215/70R16	100H	6.5	5.5-7.0	51	1,764	27.9	8.7	6.8	10.7	724	27.4	640/A/A	
1014139	225/70R16	103H	6.5	6.0-7.5	51	1,929	28.4	9.0	7.1	10.7	710	28.8	640/A/A	
1014148	* 235/70R16	106H	7.0	6.0-8.0	51	2,094	28.9	9.6	7.4	10.7	698	30.7	640/A/A	
1014586	245/70R16 XL	111H	7.0	6.5-8.0	50	2,403	29.5	9.7	7.7	10.7	683	32.0	640/A/A	
1014144	235/60R17	102V	7.0	6.5-8.5	51	1,873	28.2	9.4	7.4	10.3	715	30.0	640/A/A	
1014150	255/60R17	106V	7.5	7.0-9.0	51	2,094	29.0	10.2	8.0	10.3	695	33.0	640/A/A	
1014145	225/65R17	102H	6.5	6.0-8.0	51	1,874	28.6	9.0	7.1	10.7	705	29.6	640/A/A	
1015051	235/65R17	104H	7.0	6.5-8.5	51	1,984	29.1	9.2	7.2	10.6	693	29.6	540/A/A	Kia Sedona ('15)
1015057	235/65R17	104H	7.0	6.5-8.5	51	1,984	29.0	9.5	7.2	10.1	695	29.7	540/A/A	Kia Sorento ('15)
1014585	245/65R17 XL	111H	7.0	7.0-8.5	50	2,403	29.6	9.8	7.7	10.7	682	33.3	640/A/A	
1015261	235/50R18	97V	7.5	6.5-8.5	51	1,609	27.3	9.7	7.8	10.2	739	27.9	640/A/A	
1015262	235/55R18	100V	7.5	6.5-8.5	51	1,764	28.1	9.6	7.8	10.2	717	30.2	640/A/A	
1015264	255/55R18 XL	109V	8.0	7.0-9.0	50	2,271	29.1	10.4	8.4	10.2	694	34.1	640/A/A	
1014129	235/60R18 XL	107V	7.0	6.5-8.5	50	2,149	29.3	9.5	7.4	10.7	690	31.8	640/A/A	
1011758	235/60R18	103H	7.0	6.5-8.5	51	1,929	29.2	9.3	7.3	10.6	691	30.0	540/A/A	Kia Sedona ('15)
1014133	245/60R18	105H	7.0	7.0-8.5	51	2,039	29.6	9.7	7.7	10.3	682	32.7	640/A/A	
1015303	255/60R18 XL	112V	7.5	7.0-9.0	50	2,469	30.1	10.1	8.0	10.7	671	34.6	640/A/A	
1015266	265/60R18	110V	8.0	7.5-9.5	51	2,337	30.5	10.6	8.3	10.7	661	36.2	640/A/A	
1015304	275/60R18	113H	8.0	7.5-9.5	51	2,535	30.9	11.3	8.7	10.7	653	37.7	640/A/A	
1015268	285/60R18	116V	8.5	8.0-10.0	51	2,756	31.5	11.5	9.0	10.7	641	39.2	640/A/A	
1015263	235/65R18	106H	7.0	6.5-8.5	51	2,094	30.0	9.4	7.4	10.7	672	32.5	640/A/A	
1015267	275/65R18	116H	8.0	7.5-9.5	51	2,756	32.0	11.0	8.7	10.7	631	39.5	640/A/A	
1015265	P255/65R18	109H	7.5	7.0-9.0	51	2,271	31.1	10.2	8.0	10.7	648	36.4	640/A/A	
1015269	235/50R19	99V	7.5	6.5-8.5	51	1,709	28.3	9.6	7.8	10.2	713	30.4	640/A/A	
1015272	255/50R19 XL	107H	8.0	7.0-9.0	50	2,150	29.1	10.3	8.4	10.2	694	33.1	640/A/A	
1015053	235/55R19	101V	7.5	6.5-8.5	50	1,819	29.1	9.6	7.8	10.2	694	30.8	540/A/A	Kia Sorento ('15)
1015270	235/55R19 XL	105V	7.5	6.5-8.5	50	2,039	29.3	9.6	7.8	10.2	690	32.3	640/A/A	
1015271	245/55R19	103H	7.5	7.0-8.5	51	1,929	29.6	10.0	8.1	10.2	681	32.3	640/A/A	
1015396	255/55R19 XL	111V	8.0	7.0-9.0	50	2,403	30.0	10.4	8.4	10.2	672	34.8	640/A/A	
1015273	P255/60R19	108H	7.5	7.0-9.0	51	2,205	31.2	10.5	8.0	10.7	647	36.6	640/A/A	
1015275	245/50R20	102V	7.5	7.0-8.5	51	1,874	29.7	10.0	8.1	10.2	680	33.3	640/A/A	
1015276	255/50R20 XL	109V	8.0	7.0-9.0	50	2,271	29.1	10.3	8.4	10.2	694	34.5	640/A/A	
1015277	265/50R20	107V	8.5	7.5-9.5	51	2,150	30.5	10.9	8.7	10.2	662	36.8	640/A/A	
1015279	285/50R20	112V	9.0	8.0-10.0	51	2,469	31.3	11.7	9.4	10.2	646	40.8	640/A/A	
1015274	235/55R20	102H	7.5	6.5-8.5	51	1,874	30.2	9.6	7.8	10.2	669	32.4	640/A/A	
1015302	P255/55R20	107H	7.5	7.0-9.0	51	2,149	30.9	10.9	8.4	10.7	653	35.8	640/A/A	
1015278	275/60R20	115H	8.0	7.5-9.5	51	2,679	33.0	11.0	8.7	10.7	612	40.7	640/A/A	

Available Sidewall = BSW (Black Sidewall) / \* OWL (Outlined White Letters)

Technical data subject to change without prior notice.

Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.



# ventus S1 evo<sup>2</sup> SUV



- V, W & Y-Rated
- 35/40/45/50/55 Series

The ultimate balance between wet & dry performance for SUVs, Crossover Vehicles. The use of a high styrene polymer and optimized cross-linking system in the tread compound of the Ventus S1 evo2 SUV provides improved abrasion durability, lower rolling resistance for improved vehicle fuel economy and improved wet condition performance.

## Dimension Data

Pattern Code **K117A**

**SUV/LT**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1014999	235/60R18	103W	8.0	6.5-8.5	50	1,929	29.2	10.2	7.4	10.5	711	32.8	220/AA/A	Porsche Macan (14-21)
1015000	255/55R18	105W	9.0	7.0-9.0	50	2,039	29.0	11.3	8.5	10.3	695	35.0	220/AA/A	Porsche Macan (14-21)
1016294	255/55R18 XL	109V	8.0	7.0-9.0	50	2,271	29.2	10.7	8.5	10.1	711	32.5	420/A/A	BMW X5, X6 (13-23)
1015386	275/45ZR19 XL	108Y	9.0	8.5-10.5	50	2,205	28.8	10.7	9.4	10.0	701	31.5	220/AA/A	
1015385	255/50ZR19 XL	107Y	8.0	7.0-9.0	50	2,149	29.1	10.4	8.7	10.0	694	32.9	220/AA/A	
1015384	235/55ZR19	101W	7.5	6.5-8.5	51	1,819	29.2	9.6	7.8	10.0	692	30.0	220/AA/A	
1015001	235/55R19	101Y	8.0	6.5-8.5	50	1,819	29.4	10.2	8.3	10.3	707	34.2	220/AA/A	Porsche Macan (14-21)
1015002	255/50R19	103Y	9.0	7.0-9.0	50	1,929	29.0	11.1	9.1	10.3	695	34.2	220/AA/A	Porsche Macan (14-21)
1015387	275/55R19	111V	8.5	7.5-9.5	51	2,403	30.9	11.1	8.7	10.0	653	35.0	220/AA/A	
1015393	315/35ZR20 XL	110(Y)	11.0	10.5-12.5	50	2,337	28.7	12.5	10.8	9.4	704	34.0	220/AA/A	
1012743	275/40ZR20 XL	106Y	9.5	9.0-10.5	50	2,094	28.7	10.9	9.4	10.0	704	31.6	220/AA/A	
1015388	235/45ZR20 XL	100W	8.0	7.5-9.0	50	1,764	28.3	9.2	7.8	10.0	712	27.3	220/AA/A	
1015394	255/45ZR20 XL	105W	8.5	8.0-9.5	50	2,039	29.1	10.0	8.5	10.0	694	29.4	220/AA/A	
1015395	265/45ZR20 XL	108Y	9.0	8.5-10.0	50	2,205	29.4	10.4	9.1	10.0	687	31.1	220/AA/A	
1015484	275/45ZR20 XL	110Y	9.0	8.5-10.5	50	2,337	29.8	10.7	9.4	10.0	678	34.6	220/AA/A	
1015389	275/50ZR20	109W	8.5	7.5-9.5	51	2,271	30.9	11.1	9.1	10.0	654	34.6	220/AA/A	
1015390	295/35ZR21 XL	107Y	10.5	10.0-11.5	50	2,149	29.1	11.8	10.1	10.0	694	32.6	220/AA/A	
1015391	295/40ZR21 XL	111W	10.5	10.0-11.5	50	2,403	30.3	11.8	10.1	10.0	666	35.8	220/AA/A	

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

Premium Highway All-Season



# ***Dynapro HT***



## **P-Metric**

- S, T & H-Rated
- 55/60/65/70/75 Series

The Premium Highway All-Season Dynapro HT provides drivers of Light Trucks, Vans and Sport Utility Vehicles improved snow traction, low rolling resistance and longer treadwear. A high stiffness center block offers enhanced steering response while a wide, computer generated tread enables better mileage, less noise and excellent grip.

# Dimension Data

Pattern Code **RH12 (P-METRIC)**

**SUV/LT**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1011330	* P235/75R15 XL	108T	6.5	6-8	41	2,183	28.8	9.3	6.9	13.0	721	31.9	700/A/B	
1011334	* P235/70R16 XL	107T	7.0	6-8	41	2,149	29.0	9.5	7.2	12.5	716	32.7	700/A/B	
1011339	* P235/75R16 XL	109T	6.5	6-8	41	2,271	29.8	9.3	6.9	13.0	697	33.4	700/A/B	
1011335	* P245/70R16	106T	7.0	6.5-8	35	2,094	29.6	9.8	7.5	13.0	702	34.0	700/A/B	
1011340	* P245/75R16	109T	7.0	6.5-8	35	2,271	30.4	9.8	7.2	13.0	682	34.3	700/A/B	
1011336	* P255/70R16	109T	7.5	6.5-8.5	35	2,271	30.1	10.3	7.8	13.0	690	36.0	700/A/B	
1011337	* P265/70R16	111T	8.0	7-9	35	2,403	30.7	10.7	8.1	13.0	677	38.4	700/A/B	
1017446	P265/70R16	111T	8.0	7.0-8.0	51	2,403	30.6	10.6	8.1	10.8	679	34.6	700/A/B	Nissan Frontier ('15-20)
1011341	* P265/75R16	114T	7.5	7-9	35	2,601	31.6	10.6	7.9	13.0	657	38.8	700/A/B	
1011332	P215/70R16	99T	6.5	5.5-7	35	1,709	27.9	8.7	6.6	12.5	744	27.2	700/A/B	
1013909	P225/70R16	101T	6.5	6-7.5	35	1,819	28.5	9.1	6.9	13.0	730	29.0	700/A/B	
1013911	P225/75R16	104T	6.0	6-7.5	35	1,984	29.3	8.9	6.7	13.0	710	30.0	700/A/B	
1015220	P245/75R16	109S	7.0	6.5-7.5	51	2,271	30.5	10.0	6.9	10.5	682	31.1	500/B/B	Toyota Tacoma ('16-21)
1011345	* P245/70R17	108T	7.0	6.5-8	35	2,205	30.6	9.9	7.5	13.0	679	34.5	700/A/B	
1011343	* P255/65R17	108T	7.5	7-9	35	2,205	30.1	10.7	8.0	13.0	690	34.7	700/A/B	
1011346	* P255/70R17	110T	7.5	6.5-8.5	35	2,337	31.1	10.3	7.8	12.5	667	37.3	700/A/B	
1011347	* P265/70R17	113T	8.0	7-9	35	2,535	31.8	10.8	8.1	13.0	654	40.5	700/A/B	
1014070	225/65R17	102H	6.5	6.0-8.0	51	1,874	28.5	9.3	6.8	10.3	708	27.0	380/A/A	Nissan Rogue ('13-20)
1012468	P235/70R17 XL	108T	7.0	6.0-8.0	35	2,205	30.0	9.5	7.2	13.0	691	33.7	700/A/B	
1013912	P245/65R17	105T	7.0	7-8.5	35	2,039	29.6	10.3	7.7	13.0	702	32.1	700/A/B	
1011344	P265/65R17	110T	8.0	7.5-9.5	35	2,337	30.6	11.1	8.3	13.0	679	39.0	700/A/B	
1013169	265/60R18	110T	7.5	7.5-9.5	51	2,337	30.6	10.4	7.9	11.2	660	34.4	700/B/A	Ford F-150 ('15-20)
1017448	P265/60R18	109T	8.0	7.5-9.5	51	2,271	30.6	10.4	8.5	10.8	679	34.8	700/A/B	Nissan Frontier ('15-20)
1011350	P255/70R18	112T	7.5	6.5-8.5	35	2,469	32.1	10.3	7.8	13.0	647	39.6	700/A/B	
1013843	P265/65R18	112T	8.0	7.5-9.5	51	2,469	31.6	11.1	8.3	13.0	658	40.0	700/A/B	
1011351	P265/70R18	114T	8.0	7-9	35	2,601	32.7	10.7	8.1	13.0	636	42.0	700/A/B	
1011349	P275/65R18	114T	8.0	7.5-9.5	35	2,601	32.1	11.5	8.7	13.0	647	41.6	700/A/B	
1013171	275/55R20	113T	8.5	7.5-9.5	51	2,535	32.1	11.2	8.9	11.5	628	41.1	700/A/B	Ford Expedition ('14-20), Lincoln Navigator ('14-20)
1012466	P275/55R20	111H	8.5	7.5-9.5	35	2,403	31.9	11.7	9.1	12.5	651	41.1	700/A/B	
1013844	P275/60R20	114T	8.0	7.5-9.5	51	2,601	32.9	11.0	8.9	12.5	632	42.7	700/A/B	

Available Sidewall = BSW (Black Sidewall) / \* OWL (Outlined White Letters)  
 Technical data subject to change without prior notice.  
 Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.

Premium Highway All-Season



# ***Dynapro HT***



## **LT-Metric**

- Q, R & S-Rated
- 70/75/80/85 Series

The Premium Highway All-Season Dynapro HT provides drivers of Light Trucks, Vans and Sport Utility Vehicles improved snow traction, low rolling resistance and longer treadwear. A high stiffness center block offers enhanced steering response while a wide, computer generated tread enables better mileage, less noise and excellent grip.

# Dimension Data

Pattern Code **RH12 (LT-METRIC)**

**SUV/LT**

S-Code	Size	Ply Rating	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	OE Fitment
						psi	lbs							
2002008	*LT235/75R15	6	104/101Q	6.5	6.0-7.0	S 50 D 50	1,985 1,820	28.8	9.2	6.9	15.0	721	37.5	
2001864	195/75R16	8	107/105R	5.5	5.0-6.0	S 70 D 70	2,150 2,040	27.5	7.9	6.1	12.7	755	32.7	Ford Transit ('14-20)
2001863	235/65R16	10	121/119R	7	6.5-7.5	S 85 D 85	3,195 3,000	28.0	9.4	7.5	12.8	741	40.0	Ford Transit ('14-20)
2001832	LT215/85R16	10	115/112Q	6	5.5-7.0	S 80 D 80	2,680 2,470	30.3	8.2	6.1	15.0	685	39.8	
2001831	LT225/75R16	10	115/112S	6	6.0-7.0	S 80 D 80	2,680 2,470	29.2	8.8	6.7	15.0	710	40.1	
2001811	LT235/85R16	10	120/116Q	6.5	6.0-7.5	S 80 D 80	3,042 2,778	31.7	9.1	6.7	15.0	656	44.0	
2001614	LT245/75R16	10	120/116S	7	6.5-8.0	S 80 D 80	3,042 2,778	30.4	9.6	7.2	15.0	683	42.7	
2001812	LT265/75R16	10	123/120S	7.5	7.0-8.0	S 80 D 80	3,415 3,085	31.6	10.5	7.8	15.0	657	48.4	
2001835	LT235/80R17	10	120/117R	6.5	6.0-7.5	S 80 D 80	3,085 2,835	31.4	9.6	7.2	16.0	662	45.4	
2001833	LT245/70R17	10	119/116S	7	6.5-8.0	S 80 D 80	3,000 2,755	30.5	9.8	7.5	15.0	681	45.7	
2001834	LT245/75R17	10	121/118S	7	6.5-7.5	S 80 D 80	3,195 2,910	31.7	9.9	7.2	16.0	656	46.5	
2001848	LT265/70R17	10	121/118S	8	7.0-8.5	S 80 D 80	3,195 2,910	31.6	10.7	8.1	14.5	657	48.5	

Available Sidewall = BSW (\*OWL)  
 Technical data subject to change without prior notice.  
 Mileage warranty applies only to replacement tires. Original Equipment tires are excluded.



M+S

# Dynapro AT-M



## P-Metric

- T-Rated
- 45/50/55/60/65/70/75 Series

Developed with innovative tread and sidewall designs, the Dynapro AT-M is an aggressive Premium All-Terrain tire for light trucks, vans and sport utility vehicles. The Dynapro AT-M offers unsurpassed grip, style, and performance both on and off-road.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)



# Dimension Data

Pattern Code **RF10 (P-METRIC)**

**SUV/LT**

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1010842	* 235/75R15 XL	109T	6.5	6.0-8.0	50	2,028	28.8	9.3	7.3	13.0	721	32.5	560/A/B	
1015171	* 265/70R16	112T	8.0	7.0-9.0	44	2,469	30.6	10.7	8.2	13.0	679	37.3	560/A/B	
1008666	* P225/70R16	103T	6.5	6.0-7.5	44	1,819	28.4	9.0	7.0	13.0	731	30.0	560/A/B	
1008718	* P225/75R16 XL	106T	6.0	6.0-7.5	50	2,094	29.3	8.8	7.0	13.0	709	32.2	560/A/B	
1008717	* P235/70R16 XL	107T	7.0	6.0-8.0	50	2,149	29.0	9.5	7.3	13.0	716	32.5	560/A/B	
1008719	* P235/75R16 XL	109T	6.5	6.0-8.0	50	2,271	29.8	9.3	7.3	13.0	697	34.2	560/A/B	
1012617	* P245/70R16 XL	111T	7.0	6.5-8.0	44	2,403	29.5	9.8	7.6	13.0	704	34.4	560/A/B	
1008672	* P245/75R16	109T	7.0	6.5-8.0	44	2,271	30.5	9.8	7.6	13.0	681	35.8	560/A/B	
1008665	* P255/65R16	106T	7.5	7.0-9.0	44	2,094	29.1	10.2	7.9	13.0	714	34.5	560/A/B	
1017532	* 255/70R16	111T	7.5	6.5-8.5	44	2,403	30.1	10.2	7.9	13.0	690	35.3	560/A/B	
1008708	P265/75R16	114T	7.5	7.0-9.0	44	2,601	31.7	10.5	8.2	13.0	655	39.0	560/A/B	Nissan Frontier ('15-20)
1015168	* 245/65R17 XL	111T	7.0	7.0-8.5	44	2,403	29.5	9.8	7.6	13.0	704	34.2	560/A/B	
1015169	* 265/65R17	112T	8.0	7.5-9.5	44	2,469	30.6	10.7	8.2	13.0	679	37.7	560/A/B	
1008720	* P235/65R17	103T	7.0	6.5-8.5	44	1,929	29.1	9.5	7.3	13.0	714	31.8	560/A/B	
1009328	* P235/75R17	108T	6.5	6.0-8.0	44	2,205	30.9	9.3	7.3	13.0	672	35.0	560/A/B	
1008676	* P245/70R17	108T	7.0	6.5-8.0	44	2,205	30.6	9.8	7.6	13.0	679	34.4	560/A/B	
1008674	* P255/65R17	110T	7.5	7.0-9.0	44	2,205	30.1	10.2	7.9	13.0	690	35.4	560/A/B	
1008677	* P255/70R17	110T	7.5	6.5-8.5	44	2,337	31.1	10.2	7.9	13.0	668	37.6	560/A/B	
1008678	* P265/70R17	113T	8.0	7.0-9.0	44	2,535	31.7	10.7	8.2	13.0	655	38.7	560/A/B	
1009518	P245/75R17	110T	7.0	6.5-8.0	44	2,337	31.5	9.8	7.6	13.0	659	36.5	560/A/B	
1009519	P255/75R17	113T	7.0	6.5-8.5	44	2,535	32.1	10.0	7.9	13.0	647	37.8	560/A/B	
1015167	265/60R18 XL	114T	8.0	7.5-9.5	44	2,601	30.5	10.7	8.2	13.0	681	38.4	560/A/B	
1009659	P255/60R18	107T	7.5	7.0-9.0	44	2,149	30.0	10.2	7.9	13.0	692	36.0	560/A/B	
1009520	P255/70R18	112T	7.5	6.5-8.5	44	2,601	32.1	10.2	7.9	13.0	647	39.1	560/A/B	
1009521	P265/65R18	112T	8.0	7.5-9.5	44	2,469	31.5	10.7	8.2	13.0	659	40.0	560/A/B	
1009330	P265/70R18	114T	8.0	7.0-9.0	44	2,601	32.6	10.7	8.2	13.0	637	40.7	560/A/B	
1009329	P275/65R18	114T	8.0	7.5-9.5	44	2,601	32.1	11.0	8.6	13.0	647	40.8	560/A/B	
1013373	275/55R20	113T	8.5	7.5-9.5	51	2,535	32.1	11.1	8.9	12.2	647	41.5	560/A/A	Ford F-150, Expedition ('14-20)
1009331	305/50R20 XL	120T	9.5	8.5-11.0	50	3,086	32.0	12.4	9.5	12.5	648	45.6	560/A/B	
1009333	P275/60R20	114T	8.0	7.5-9.5	44	2,601	33.0	11.0	8.6	12.5	630	42.8	560/A/B	
1009334	305/45R22 XL	118T	10.0	9.5-11.5	50	2,910	32.8	11.9	9.5	12.5	633	44.1	560/A/B	

Available Sidewall = BSW (Black Sidewall) / \* OWL (Outlined White Letters)  
 Technical data subject to change without prior notice.  
 OE Fitment Sizes does not have severe snow condition symbol.  
 Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.

Premium All-Terrain



# ***Dynapro AT-M***



## **LT-Metric**

• R & S-Rated

Developed with innovative tread and sidewall designs, the Dynapro AT-M is an aggressive Premium All-Terrain tire for light trucks, vans and sport utility vehicles. The Dynapro AT-M offers unsurpassed grip, style, and performance both on and off-road.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)

# Dimension Data

Pattern Code **RF10 (LT-METRIC)**

**SUV/LT**

S-Code	Size	Ply Rating	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
						psi	lbs						
2001369	* 30X9.50R15	6	104R	7.5	6.5-8.5	S 50 D 50	1,990 -	29.5	9.4	7.2	16.5	699	39.9
2001370	* 31X10.50R15	6	109R	8.5	7.0-9.0	S 50 D 50	2,250 -	30.5	10.6	8.1	16.5	677	44.2
2001371	* 33x12.50R15	6	108R	10	9.0-11.0	S 35 D 35	2,205 -	32.5	12.5	9.6	16.5	635	59.1
2001372	* LT235/75R15	6	104/101R	6.5	6.0-7.0	S 50 D 50	1,985 1,820	28.9	9.3	7.1	16.5	716	38.2
2001380	* LT215/85R16	10	115/112R	6	5.5-7.0	S 80 D 80	2,680 2,470	30.4	8.5	6.5	16.0	680	43.6
2001376	* LT245/75R16	10	120/116S	7	6.5-8.0	S 80 D 80	3,042 2,778	30.5	9.8	7.2	16.5	678	46.6
2001373	* LT265/70R16	8	110/107R	8	7.0-8.5	S 50 D 50	2,335 2,150	30.6	10.7	8.0	16.5	674	48.1
2001378	* LT285/75R16	10	127/124R	8	7.5-9.0	S 80 D 80	3,805 3,460	32.8	11.4	8.6	16.5	633	57.5
2001403	* LT305/70R16	10	124/121R	9	8.0-9.5	S 65 D 65	3,525 3,195	32.8	12.3	9.3	16.5	633	63.5
2001404	* LT315/75R16	8	121R	8.5	8.0-10.0	S 50 D 50	3,195 -	34.6	12.4	9.6	16.5	601	68.1
2001929	LT225/75R16	10	115/112S	6	6.0-7.0	S 80 D 80	2,680 2,470	29.3	8.8	6.9	16.0	705	41.8
2001150	LT235/85R16	10	120/116R	6.5	6.0-7.5	S 80 D 80	3,042 2,778	31.7	9.3	7.0	16.5	651	46.3
2001312	LT265/75R16	10	123/120R	7.5	7.0-8.0	S 80 D 80	3,415 3,085	31.7	10.5	8.1	16.5	652	50.4
2001382	* LT245/70R17	10	119/116R	7	6.5-8.0	S 80 D 80	3,000 2,775	30.6	9.8	7.4	16.5	680	46.3
2001386	* LT245/75R17	10	121/118S	7	6.5-7.5	S 80 D 80	3,195 2,910	31.5	9.8	7.4	16.0	660	48.7
2001383	* LT265/70R17	10	121/118S	8	7.0-8.5	S 80 D 80	3,195 2,910	31.7	10.6	8.0	16.0	656	50.5
2001819	* LT275/70R17	10	121/118R	8	7.0-8.5	S 80 D 80	3,195 2,910	32.2	11.0	8.4	15.9	645	58.2
2001405	* LT285/70R17	10	121/118S	8.5	7.5-9.5	S 80 D 80	3,195 2,910	32.8	11.6	8.7	16.5	634	61.4
2001402	* LT315/70R17	8	121/118R	9.5	8.5-10.0	S 50 D 50	3,195 2,910	34.4	12.4	9.6	16.5	604	67.4
2001829	LT225/75R17	10	116/113R	6	6.0-7.5	S 80 D 80	2,755 2,535	30.5	8.8	6.9	16.0	681	42.9
2020029	LT235/80R17	10	120/117R	6.5	6.0-7.5	S 80 D 80	3,085 2,835	31.8	9.3	7.1	16.5	653	46.6
2001588	LT295/70R17	10	121/118R	8.5	7.5-10.0	S 80 D 80	3,195 2,910	33.3	11.7	9.0	16.5	624	62.9
2020252	LT265/70R18	10	124/121R	8	7.0-8.5	S 80 D 80	3,525 3,195	32.7	10.7	8.1	16.0	636	51.7
2001406	LT275/65R18	10	123/120S	8	7.5-9.0	S 80 D 80	3,415 3,085	32.1	11.0	8.3	16.5	647	59.0
2001419	LT275/70R18	10	125/122S	8	7.0-8.5	S 80 D 80	3,640 3,305	33.2	11.0	8.3	16.0	608	59.7
2002012	LT285/65R18	10	125/122S	8.5	8.0-10.0	S 65 D 65	3,195 2,910	32.6	11.5	8.7	16.0	619	59.8
2001427	LT325/60R18	10	124/121S	9.5	9.0-12.0	S 65 D 65	3,525 3,195	33.3	13.0	9.8	16.0	623	71.5
2001428	LT325/65R18	10	127/124S	9.5	9.0-12.0	S 65 D 65	3,860 3,525	34.6	13.0	9.9	16.0	600	74.1
2001431	LT275/65R20	10	126/123S	8	7.5-9.5	S 80 D 80	3,750 3,415	34.1	11.0	8.3	16.0	636	67.0
2001432	LT285/55R20	10	117/114S	9	8.0-10.0	S 65 D 65	2,835 2,600	32.4	11.7	8.7	16.0	642	64.6
2001433	LT305/55R20	10	121/118S	9.5	8.5-11.0	S 65 D 65	3,195 2,910	33.2	12.4	9.2	16.0	625	70.4
2001429	LT325/60R20	10	126/123S	9.5	9.0-12.0	S 65 D 65	3,750 3,415	35.4	13.0	9.8	16.0	587	79.5
2001430	LT325/50R22	10	122S	10	9.0-12.0	S 65 D 65	3,305 3,085	34.8	13.2	9.8	16.0	575	75.7

Available Sidewall = BSW (Black Sidewall) / \* OWL (Outlined White Letters)  
 Technical data subject to change without prior notice.



M+S



# ***Dynapro MT***



- Q-Rated

The Dynapro MT is designed for serious off-road enthusiasts. Special design features such as tapered "V" shaped tread blocks provide better grip in mud, sand and snow. Unique stone "ejector" grooves along with a rugged shoulder help prevent damage from impacts. It is this attention to design that has helped make the Dynapro MT the tire of choice for extreme off-roading.

15"-17" sizes are pinned for studs ( TSMI No. 16 Recommended for Stud Pin )

# Dimension Data

S-Code	Size	Ply Rating	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
						psi	lbs						
2000976	* 30X9.50R15LT	6	104Q	7.5	6.5-8.5	S 50 D 50	1,985 -	29.8	9.5	7.6	18.5	697	43.5
2000789	* 31X10.50R15LT	6	109Q	8.5	7.0-9.0	S 50 D 50	2,270 -	30.7	10.6	8.4	18.5	677	48.5
2000980	* 32X11.50R15LT	6	113Q	9	8.0-10.0	S 50 D 50	2,535 -	31.8	10.8	9.1	18.5	653	52.6
2000977	* 33X12.50R15LT	6	108Q	10	8.5-11.0	S 50 D 50	2,225 -	32.8	12.2	9.8	18.5	633	59.7
2000981	* LT215/75R15	6	100/97Q	6	5.5-7.0	S 50 D 50	1,765 1,610	27.9	8.4	6.8	16.5	745	34.8
2000978	* LT235/75R15	6	104/101Q	6.5	6.0-7.0	S 50 D 50	1,985 1,820	29.1	9.1	7.2	17.5	714	41.3
2001027	* LT265/75R16	10	123/120Q	7.5	7.0-8.0	S 80 D 80	3,415 3,085	31.9	10.8	8.2	18.5	652	53.9
2001028	* LT285/75R16	10	126/123Q	8	7.5-9.0	S 80 D 80	3,750 3,415	33.0	11.6	8.7	18.5	629	59.6
2001219	* LT295/75R16 (33X11.50R16)	8	123/120Q	8	7.5-9.5	S 65 D 65	3,415 3,085	33.6	11.6	9.0	19.5	618	67.1
2001220	* LT305/70R16 (33X12.50R16)	8	118/115Q	9	8.0-9.5	S 50 D 50	2,910 2,680	33.1	12.2	9.4	19.5	628	66.3
2001295	* LT315/75R16 (35X12.50R16)	10	127Q	8.5	8.0-10.0	S 65 D 65	3,860 -	34.8	12.3	9.4	19.5	597	73.4
2001286	LT215/85R16	10	115/112Q	6	5.5-7.0	S 80 D 80	2,680 2,470	30.6	8.8	6.8	18.5	678	44.7
2001285	LT225/75R16	10	115/112Q	6	6.0-7.0	S 80 D 80	2,680 2,470	29.4	8.9	6.9	18.5	705	43.5
2001287	LT235/85R16	10	120/116Q	6.5	6.0-7.5	S 80 D 80	3,042 2,778	32.0	9.5	7.2	18.5	650	49.4
2001283	LT245/75R16	10	120/116Q	7	6.5-8.0	S 80 D 80	3,042 2,778	30.7	9.9	7.7	18.5	676	48.5
2001297	35X12.50R17LT	10	121Q	10	8.5-11.0	S 65 D 65	3,195 -	34.8	12.9	9.8	20.0	597	73.3
2002005	37X12.50R17LT	8	124Q	10	8.5-11.0	S 65 D 65	3,525 -	36.8	12.9	9.8	21.0	565	84.0
2001560	LT255/75R17	10	121/118Q	7	6.5-8.5	S 80 D 80	3,195 2,910	32.1	10.0	7.8	18.5	647	52.4
2001129	LT265/70R17 (32X10.50R17)	10	121/118Q	8	7.0-8.5	S 80 D 80	3,195 2,910	31.9	10.7	8.3	18.5	651	54.6
2001222	LT285/70R17 (33X11.50R17)	8	121/118Q	8.5	7.5-9.0	S 65 D 65	3,195 2,910	33.0	11.5	8.9	19.5	629	62.4
2001223	LT315/70R17 (35X12.50R17)	8	121/118Q	9.5	8.5-10.0	S 50 D 50	3,195 2,910	34.6	12.7	9.7	19.5	600	71.2
2001298	35X12.50R18LT	10	123Q	10	8.5-11.0	S 65 D 65	3,415 -	34.8	12.9	9.8	20.0	597	79.9
2001275	37X12.50R18LT	8	123Q	10	8.5-11.0	S 50 D 50	3,415 -	36.8	12.9	9.8	21.0	564	85.5
2001300	LT275/65R18 (32X11.00R18)	10	123/120Q	8	7.5-9.0	S 80 D 80	3,415 3,085	32.3	11.0	8.7	20.0	643	65.0
2001227	LT325/60R18 (33X13.00R18)	10	124/121Q	9.5	9.0-12.0	S 65 D 65	3,525 3,195	33.6	13.0	10.1	19.5	618	79.3
2001226	LT325/65R18 (35X13.00R18)	10	127/124Q	9.5	9.0-12.0	S 65 D 65	3,860 3,525	34.8	13.0	10.1	19.5	597	79.0
2001277	35X12.50R20LT	10	121Q	10	8.5-11.0	S 65 D 65	3,195 -	34.8	12.9	9.8	20.0	597	80.7
2001276	37X13.50R20LT	10	127Q	11	8.5-11.0	S 50 D 50	3,860 -	36.8	13.6	10.9	21.0	564	92.3
2001281	38X15.50R20LT	8	125Q	12	11.0-13.0	S 50 D 50	3,640 -	37.8	15.4	12.3	21.0	550	103.7
2001278	37X13.50R22LT	10	123Q	11	8.5-11.0	S 50 D 50	3,420 -	36.8	13.6	10.9	21.0	564	90.0

Available Sidewall = BSW (Black Sidewall) / \* OWL (Outlined White Letters)  
 TSMI No.13 Recommended for Stud Pin.  
 TSMI No.16 Recommended for Stud Pin.  
 Technical data subject to change without prior notice.



# **VanTRa** LT



R-Rated

Exceptionally Durable with improved Mileage and an increase in wear & wet traction performance is achieved by applying a wide footprint with a straight groove & aggressive kerf.

## Dimension Data

Pattern Code **RA18** SUV/LT

S-Code	Size	Ply Rating	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
						psi	lbs						
<b>2001939</b>	<b>185R14</b>	8	102/100 R	5.5	5.0-6.0	S 65 D 65	1,874 1,764	25.6	7.4	5.3	10.3	812	24.0
<b>2001946</b>	<b>195R14</b>	8	106/104 R	5.5	5.0-6.0	S 65 D 65	2,094 1,984	26.2	7.8	5.5	11.0	792	25.6

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.  
 Available in 2Q 2015



**F19**



A bold highway rib tread design provides excellent driving stability. Asymmetric groove angles help to reduce groove cracks and uneven wear is controlled by the insertion of kerf on the shoulder area. Four straight grooves channel water for superior wet weather traction.



## Dimension Data

Pattern Code **F19** *SUV/LT*

S-Code	Size	Ply Rating	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
						psi	lbs						
<b>2000863</b>	<b>7.50R16LT</b>	14 (G)	122/118K	6.0	5.5-7.0	S 105 D 105	3,330 3,175	31.9	8.4	5.9	14.5	651	53.7

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.



# ***Dynapro AS***

Ford E-250  
Ford E-350



- R-Rated
- 75 Series

All-season rib designed to match OEM performance. A solid shoulder rib provides responsive handling and even wear. The interlocking intermediate ribs and high sipe density provide a smooth and quiet ride with great traction. Premium tread compound yields excellent wear and traction performance.

## Dimension Data

Pattern Code **RH03**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	Ibs								
<b>2000801</b>	<b>LT245/75R16E</b>		120/116R	7	6.5- 8.0	S 80 D 80	3,042 2,778	30.4	9.8	7.2	14.0	683	44.6	Ford E250, E350 (04-15)

Available Sidewall = BSW (Black Sidewall)

\* Only 40K Warranty applies

Mileage and Road Hazard warranties apply only to replacement tires. Original Equipment tires are excluded.

Technical data subject to change without prior notice.

Ultra-High Performance Summer



**HPSR**  
High Tg Polymer &  
Specific Resin compound

# ventus V12 evo



- V & Y-Rated
- 40/45 Series

The Ventus V12 evo is an Original Equipment tire for the MINI Cooper and Lincoln MKZ.

## Dimension Data

Pattern Code **K110**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	Ibs								
<b>1010654</b>	<b>205/45R17</b>	84V	7.0	6.5-7.5	50	1,235	24.3	8.1	7.0	10.0	857	19.3	280/ AA/A	BMW Mini Standard (12-13)
<b>1008216</b>	<b>245/45ZR18 XL</b>	100Y	8.0	7.5-9.0	50	1,764	26.7	9.6	8.4	10.0	779	26.6	280/ AA/A	Lincoln MKZ HEV (12-18)
<b>1008983</b>	<b>245/40ZR19 XL</b>	98Y	8.5	8.0-9.5	50	1,653	26.7	9.8	8.4	10.0	777	26.1	280/ AA/A	Lincoln MKZ (12-18)

Available Sidewall = BSW (Black Sidewall)

Technical data subject to change without prior notice.

Road Hazard warranty applies only to replacement tires. Original equipment tires are excluded.

Ultra High Performance Summer



# ventus S1 evo<sup>2</sup>



- W-Rated
- 45 Series

The Ventus S1 evo2 is an Original Equipment tire for the Mini.



Hankook Tire Run-flat System



S : Shock absorption (Absorbs shock to enhance riding experience)  
M : Maintenance Continuity (Offers durability by enabling drivers to travel for specific distance after tire suffers air loss)  
H : Heat Resistance ( Prevents overheating when driving at 0-psi)

## Dimension Data

Pattern Code **K117B**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>1013193</b>	<b>205/45R17 XL</b>	88W	7.0	6.5-7.5	50	1,235	24.3	8.2	7.1	9.4	855	21.0	280/A/A	BMW New Mini (14-22)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

Luxury Performance Touring



# KINERGY<sup>ECO</sup>



- H-Rated
- 65 Series

The KINERGY Eco is an Original Equipment tire for the Mini.



## Dimension Data

Pattern Code **K425**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
1013116	175/65R15	84H	5.0	5.0-6.0	51	1,102	24.0	7.0	5.1	9.4	867	16.5	400/A/A	BMW New Mini (14-22)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.



M+S

# OPTIMO H418

3 Groove



- V-Rated
- 55 Series

The Optimo H418 is an Original Equipment tire for select models from Chevrolet, Hyundai and Kia.

## Dimension Data

Pattern Code **H418**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>1009127</b>	<b>185/55R15</b>	82V	6.0	5.0-6.5	44	1,047	23.1	7.6	5.4	10.0	899	16.9	400/A/A	Chevrolet Aveo (06-10)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

Grand Touring All-Season



M+S

# OPTIMO H428



- H-Rated
- 50/55/65 Series

The Optimo H428 is an Original Equipment tire for the Chevrolet Sonic.

## Dimension Data

Pattern Code **H428**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>1010108</b>	<b>P195/65R15</b>	89H	6.0	5.5-7.0	44	1,279	24.9	7.9	5.8	10.0	835	19.5	500/A/A	Chevy Sonic (11-15)
<b>1009832</b>	<b>P205/55R16</b>	89H	6.0	5.5-7.5	44	1,279	24.9	8.2	6.3	10.0	835	21.5	500/A/A	Chevy Sonic (11-15)
<b>1010109</b>	<b>P205/50R17</b>	88H	6.5	5.5-7.5	44	1,235	25.1	8.4	6.3	10.0	827	21.8	500/A/A	Chevy Sonic (11-15)

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

Grand Touring All-Season



50K  
warranty

M+S

# OPTIMO H431



- V-Rated
- 45/55 Series

The Optimo H431 is an Original Equipment tire for the Hyundai Sonata.

## Dimension Data

Pattern Code **H431**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>1009766</b>	<b>P215/55R17</b>	93V	7.0	6.0-7.5	44	1,433	26.2	8.7	7.1	10.0	793	22.7	480/A/A	Hyundai Sonata (11-15)
<b>1010086</b>	<b>225/45R18 XL</b>	95V	7.5	7.0-8.5	50	1,521	25.9	8.9	7.3	10.5	801	24.2	480/A/A	Hyundai Sonata (11-15) Kia Optima (12-15)

Available Sidewall = BSW (Black Sidewall)

Mileage Warranty applies only to replacement tires- original equipment tires are excluded.

Technical data subject to change without prior notice.

Standard Touring All-Season



# OPTIMO H725A

A Type

B Type



- S & H-Rated
- 45/50/55 Series

The Optimo H725A is an Original Equipment tire for select models from General Motors and Volkswagen.



S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>A Type</b>														
1007078	P225/50R17	93S	7.0	6.0-8.0	44	1,433	25.9	9.4	7.1	11.0	802	23.7	340/A/A	Saturn Aura (07-09), Pontiac G6 (07-09), Chevy Malibu (07-12)
<b>B Type</b>														
1007836	205/55R16	91H	6.5	5.5-7.5	44	1,356	24.9	8.4	6.9	11.0	835	20.6	340/A/A	V.W Jetta (10-14), V.W Jetta Sport Wagon (10), V.W Beetle (10-12), V.W Golf (09-10)
1006653	P205/55R16	89H	6.5	5.5-7.5	44	1,279	24.7	8.7	6.6	11.0	841	21.1	340/A/A	Saturn Ion (06-07), Chevy Cobalt (07- 10), Pontiac G5 & Pursuit (07-09)
1009277	P225/45R17	90H	7.5	7.0-8.5	44	1,323	25.1	8.6	8.2	10.0	828	21.9	360/A/A	Saturn Astra (08-09)

\* U.T.Q.G : 360/A/A  
 Available Sidewall = BSW (Black Sidewall)  
 Mileage Warranty, Road Hazard Warranty apply only to replacement tires.  
 Technical data subject to change without prior notice.

All-Terrain



# ***Dynapro AT***



- S-Rated
- 75 Series

The Dynapro AT is an Original Equipment tire for the Ford F-150.

## Dimension Data

Pattern Code **RF08**

*Original Equipment*

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight	UTQG	OE Fitment
					psi	lbs								
<b>1002438</b>	<b>P235/75R17</b>	108S	6.5	6.5-8.0	35	2,205	30.9	9.4	7.2	13.0	672	30.6	460/B/A	Ford F-150 (04-14)

Available Sidewall = BSW (Black Sidewall)  
 Mileage Warranty applies only to replacement tires - original equipment tires are excluded.  
 Technical data subject to change without prior notice.

Ultra-High Performance Winter Tire for High Performance Vehicles



Silica  
COMPOUND



M+S

**Winter i\*cept evo<sup>2</sup>**



- H & V-Rated
- 40/45/50/55/60 Series

Winter i\*cept evo2 is an Ultra-High Performance winter tire designed to provide great performance in winter driving condition. The Winter i\*cept evo 2 increases biting edge and zigzag traction groove.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)

# Dimension Data

Pattern Code **W320 & W320A**

Winter

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
					psi	lbs						
1017030	205/55R16 XL	94V	7.0	6.0-8.0	50	1,477	24.9	8.3	6.6	11.0	835	20.1
1017035	205/60R16 XL	96H	6.0	5.0-6.5	50	1,565	25.8	8.1	6.3	11.0	804	22.0
1017367	205/65R16	95H	6.0	5.0-6.5	51	1,521	26.5	8.1	6.5	11.0	785	21.3
1017037	215/60R16 XL	99H	6.5	5.5-7.5	50	1,709	26.1	8.6	6.8	11.0	795	22.9
1017038	225/60R16	98H	6.5	5.5-7.5	51	1,653	26.6	8.8	7.1	11.0	781	24.4
1017413	205/45R17 XL	88V	7.0	6.0-8.0	50	1,235	24.3	8.1	7.0	11.0	857	19.6
1017046	205/50R17 XL	93V	7.0	6.0-8.0	50	1,433	25.1	8.3	6.8	11.0	827	20.2
1017041	215/45R17 XL	91V	8.0	7.5-9.0	50	1,356	24.7	8.4	7.4	11.0	840	21.4
1017051	215/55R17 XL	98V	7.0	6.0-8.0	50	1,653	26.3	8.8	7.2	11.0	790	23.9
1017043	225/45R17 XL	94V	8.0	7.5-9.0	50	1,477	25.0	9.0	7.7	11.0	830	20.6
1017049	225/50R17 XL	98V	7.0	6.0-8.0	50	1,653	25.9	9.0	7.4	11.0	802	24.5
1017053	225/55R17 XL	101V	7.0	6.0-8.0	50	1,819	26.8	9.1	7.5	11.0	776	25.6
1017044	235/45R17 XL	97V	8.0	7.5-9.0	50	1,609	25.4	9.3	8.0	11.0	819	24.1
1017054	235/55R17 XL	103V	7.0	6.0-8.0	50	1,929	27.2	9.6	7.8	11.0	765	26.9
1017045	245/45R17 XL	99V	8.0	7.5-9.0	50	1,709	25.7	9.6	8.3	11.0	809	25.7
1017058	225/40R18 XL	92V	8.0	7.5-9.0	50	1,389	25.1	9.1	7.7	11.0	828	22.9
1017061	225/45R18 XL	95V	8.0	7.5-9.0	50	1,764	26.0	9.0	7.7	11.0	798	24.1
1017415	225/50R18 XL	99V	7.0	6.0-8.0	50	1,709	26.9	9.0	7.4	11.0	773	25.6
1017371	225/60R18 XL	104V	7.0	6.0-8.0	50	1,984	28.6	8.8	7.1	11.0	726	27.6
1017059	235/40R18 XL	95V	8.0	7.5-9.0	50	1,521	25.4	9.5	8.0	11.0	818	23.9
1017062	235/45R18 XL	98V	8.0	7.5-9.0	50	1,653	26.3	9.3	8.0	11.0	789	25.1
1017065	235/50R18 XL	101V	7.0	6.0-8.0	50	1,819	27.3	9.5	7.8	11.0	761	27.2
1017060	245/40R18 XL	97V	8.0	7.5-9.0	50	1,609	25.7	9.8	8.4	11.0	808	24.6
1019787	245/45R18 XL	100V	8.0	7.5-9.0	50	1,764	26.7	9.6	8.3	11.0	779	26.9
1017414	245/50R18 XL	104V	7.5	7.0-8.5	50	1,984	27.7	9.8	8.1	11.0	751	28.4
1017375	245/55R18	103V	7.5	7.0-8.5	51	1,929	28.6	9.8	8.1	11.0	726	29.2
1017064	255/45R18 XL	103V	8.0	7.5-9.0	50	1,929	27.0	10.0	8.7	11.0	768	27.8
1019785	245/40R19 XL	98V	8.0	7.5-9.0	51	1,653	26.7	9.8	8.3	11.0	777	26.3
1017069	245/45R19 XL	102V	8.0	7.5-9.0	50	1,874	27.7	9.6	8.3	11.0	751	28.1
1017068	255/40R19 XL	100V	8.0	7.5-9.0	50	1,764	27.0	10.2	8.7	11.0	768	27.3
1017378	275/40R19	101V	8.0	7.5-9.0	51	1,819	27.7	10.9	9.4	11.0	751	30.4
<b>W320A</b>												
1020446	225/65R17	102H	6.5	5.5-7.5	51	1,874	28.5	8.9	7.1	11.0	729	27.8
1017056	235/65R17 XL	108V	6.5	5.5-7.5	51	1,984	29.1	9.4	7.8	11.0	715	30.8
1017407	255/60R17	106H	7.5	7.0-8.5	51	2,094	29.1	10.1	8.0	11.0	715	32.1
1017408	235/55R18 XL	104V	7.5	7.0-8.5	50	1,984	28.1	9.6	7.8	11.0	738	30.1
1017409	235/60R18 XL	107H	7.0	6.0-8.0	50	2,150	29.1	9.3	7.4	11.0	714	31.0
1017066	255/55R18 XL	109V	8.0	7.5-9.0	51	2,039	29.0	10.4	8.5	11.0	716	33.8
1017410	235/55R19 XL	105V	7.5	7.0-8.5	50	2,039	29.2	9.6	7.8	11.0	712	31.5
1017436	245/55R19	103H	8.0	7.5-9.0	51	1,929	29.6	9.8	8.1	11.0	701	32.6
1017070	255/50R19 XL	107V	8.0	7.5-9.0	50	2,150	29.1	10.3	8.5	11.0	714	32.8
1017411	255/45R20 XL	105V	7.5	7.0-8.5	51	1,874	29.7	9.8	8.7	11.0	700	30.9
1017437	245/50R20	102V	8.5	8.0-9.5	50	2,039	29.1	10.0	8.1	11.0	715	31.9
1017412	255/50R20 XL	109V	8.0	7.5-9.0	50	2,271	30.1	10.3	8.5	11.0	691	34.1
1017071	275/40R20 XL	106V	9.5	9.0-11	50	2,094	28.7	10.9	9.4	11.0	725	32.2

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.

High Performance Winter tire



## Winter *i\*cept iZ*



- T-Rated
- 40/45/55/60/65/70 Series

The Winter i\*cept iZ - The best performance in Snow and Ice Conditions. Developed with the latest in tire design technology, the Winter i\*cept iZ ensures excellent grip in both icy and snowy winter conditions.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)

# Dimension Data

Pattern Code **W606**

Winter

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
					psi	lbs						
1015079	175/65R14	82T	5.0	5.0-6.0	51	1,047	23.0	6.9	5.8	11.3	903	16.3
1015089	185/65R14	86T	5.5	5.0-6.5	51	1,168	23.5	7.4	6.1	11.3	885	17.9
1015091	175/70R14	84T	5.0	4.5-6.0	51	1,102	23.7	6.8	5.5	11.3	851	16.0
1014458	185/60R14	82T	5.5	5.0-6.5	51	1,047	22.8	7.3	6.1	11.3	887	16.4
1015084	185/70R14	88T	5.5	4.5-6.0	51	1,235	24.3	7.4	5.8	11.3	832	17.3
1014459	195/70R14	91T	6.0	5.0-6.5	51	1,356	24.7	7.9	6.1	11.3	817	18.8
1015094	185/60R15	84T	5.5	5.0-6.5	51	1,102	23.7	7.4	6.1	11.3	875	17.5
1015078	185/65R15	88T	5.5	5.0-6.5	51	1,235	24.4	7.3	6.1	11.3	850	18.8
1015096	195/60R15	88T	6.0	5.5-7.0	51	1,235	24.2	7.8	6.5	11.3	858	19.3
1015077	195/65R15	91T	6.0	5.5-7.0	51	1,356	25.0	8.0	6.5	11.3	831	19.8
1015082	205/65R15	94T	6.0	5.5-7.5	51	1,477	25.5	8.1	6.8	11.3	816	21.4
1015088	215/70R15	98T	6.5	5.5-7.0	51	1,653	26.9	8.7	6.8	11.3	773	24.1
1015087	175/65R15	84T	5.0	5.0-6.0	51	1,102	24.0	6.9	5.8	11.3	842	17.2
1014460	195/55R15 XL	89T	6.0	5.5-7.0	50	1,279	23.4	7.8	6.5	11.3	861	18.1
1015098	205/55R16	91T	6.5	5.5-7.5	51	1,356	24.9	8.3	6.8	11.3	835	20.4
1015080	205/60R16	92T	6.0	5.5-7.5	51	1,389	25.7	8.1	6.8	11.3	809	22.1
1015100	215/55R16	93T	7.0	6.0-7.5	51	1,433	25.3	8.8	7.1	11.3	822	21.9
1015083	215/60R16	95T	6.5	6.0-7.5	51	1,521	26.1	8.6	7.1	11.3	795	23.2
1015081	215/65R16	98T	6.5	6.0-7.5	51	1,653	27.0	8.7	7.1	11.3	769	25.4
1015106	225/55R16	95T	7.0	6.0-8.0	51	1,521	25.7	9.1	7.5	11.3	807	24.9
1014461	195/55R16 XL	91T	6.0	5.5-7.0	50	1,356	24.4	7.8	6.5	11.3	827	19.0
1014462	225/60R16 XL	102T	7.5	6.0-8.0	50	1,874	26.6	9.0	7.4	11.3	758	26.0
1015097	205/50R17	89T	6.5	5.5-7.5	51	1,279	25.1	8.3	6.8	11.3	827	20.6
1015099	215/50R17	91T	7.0	6.0-7.5	51	1,356	25.5	8.8	7.1	11.3	814	21.5
1015101	215/55R17	94T	7.0	6.0-7.5	51	1,477	26.3	8.8	7.1	11.3	790	23.1
1015103	225/45R17	91T	7.5	7.0-8.5	51	1,356	25.0	8.9	7.7	11.3	832	21.4
1015105	225/50R17	94T	7.0	6.0-8.0	51	1,477	25.9	9.0	7.5	11.3	802	23.4
1015107	225/55R17	97T	7.0	6.0-8.0	51	1,609	26.8	9.1	7.5	11.3	776	26.5
1015108	235/45R17	94T	8.0	7.5-9.0	51	1,477	25.4	9.3	8.0	11.3	819	23.0
1015109	235/55R17	99T	7.5	6.5-8.5	51	1,709	27.2	9.6	7.8	11.3	765	27.5
1015868	245/45R17 XL	99T	8.0	7.5-9.0	50	1,356	25.7	9.6	8.4	11.3	786	25.5
1015102	225/40R18	88T	8.0	7.5-9.0	51	1,235	25.1	9.1	7.7	11.3	828	21.7
1015104	225/45R18	91T	7.5	7.0-8.5	51	1,356	25.9	8.9	7.7	11.3	801	22.5
1015870	235/40R18 XL	95T	8.5	8.0-9.5	50	1,521	25.4	9.3	8.0	11.3	795	25.2
1015867	245/40R18 XL	97T	8.5	8.0-9.5	50	1,609	25.7	9.8	8.4	11.3	785	25.6
1015869	245/45R18 XL	100T	8.0	7.5-9.0	50	1,764	26.7	9.6	8.4	11.3	757	28.0

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.



Silica  
COMPOUND



M+S

## Winter *i\*Pike RS*



- T-Rated
- 45/55/60/65/70/75 Series

The Winter i\*Pike RS is a totally new concept in Studdable Winter Tire Design that delivers advanced Snow and Ice performance.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)



# Dimension Data

Pattern Code **W419**

Winter

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
					psi	lbs						
1014407	175/70R13	82T	5.0	4.5-6.0	51	1,047	22.8	6.9	5.5	12.2	913	15.7
1014408	175/70R14 XL	88T	5.0	4.5-6.0	50	1,235	23.8	6.9	5.5	12.2	874	17.3
1014406	175/65R14 XL	86T	5.0	5.0-6.0	50	1,168	23.1	6.9	5.8	12.2	900	16.9
1014444	185/70R14 XL	92T	5.5	4.5-6.0	50	1,389	24.3	7.4	5.8	12.2	854	18.2
1014414	185/65R14 XL	90T	5.5	5.0-6.5	50	1,323	23.5	7.4	6.1	12.2	882	18.2
1014416	185/60R14	82T	5.5	5.0-6.5	51	1,047	22.8	7.4	6.1	12.2	910	16.7
1014448	P195/75R14	92T	5.5	5.0-6.5	51	1,400	25.6	7.6	6.1	12.2	812	20.4
1014442	195/70R14	91T	6.0	5.0-6.5	51	1,356	24.9	7.8	6.1	12.2	835	19.0
1014446	P205/75R14	95T	5.5	5.0-7.0	51	1,532	26.2	7.9	6.5	12.2	792	23.0
1014413	185/65R15 XL	92T	5.5	5.0-6.5	50	1,389	24.5	7.4	6.1	12.2	847	19.3
1014415	185/60R15 XL	88T	5.5	5.0-6.5	50	1,235	23.8	7.4	6.1	12.2	872	18.5
1014449	195/65R15 XL	95T	6.0	5.5-7.0	50	1,521	25.1	7.8	6.5	12.2	828	22.3
1014450	195/60R15 XL	92T	6.0	5.5-7.0	50	1,389	24.3	7.8	6.5	12.2	855	19.6
1014451	195/55R15 XL	89T	6.0	5.5-7.0	50	1,279	23.5	7.8	6.5	12.2	884	18.8
1014433	205/65R15	94T	6.0	5.5-7.5	51	1,477	25.6	8.1	6.8	12.2	813	21.9
1014447	205/60R15	91T	6.0	5.5-7.5	51	1,356	24.8	8.1	6.8	12.2	839	20.8
1014445	P215/75R15	100T	6.0	5.5-7.0	51	1,742	27.8	8.4	6.8	12.2	748	26.0
1014425	P215/70R15	97T	6.5	5.5-7.0	51	1,620	27.0	8.6	6.8	12.2	770	25.3
1014452	195/55R16 XL	91T	6.0	5.5-7.0	50	1,356	24.5	7.8	6.5	12.2	848	19.7
1014441	205/65R16	95T	6.0	5.5-7.5	51	1,521	26.5	8.1	6.8	12.2	783	23.6
1014435	205/60R16 XL	96T	6.0	5.5-7.5	50	1,565	25.7	8.1	6.8	12.2	807	23.6
1014431	205/55R16 XL	94T	6.5	5.5-7.5	51	1,477	25.0	8.3	6.8	12.2	832	22.4
1014436	215/65R16	98T	6.5	6.0-7.5	51	1,653	27.1	8.6	7.1	12.2	767	25.9
1014437	215/60R16 XL	99T	6.5	6.0-7.5	50	1,709	26.2	8.6	7.1	12.2	792	24.9
1014418	215/55R16 XL	97T	7.0	6.0-7.5	50	1,609	25.4	8.8	7.1	12.2	819	24.1
1014434	225/60R16 XL	102T	6.5	6.0-8.0	50	1,874	26.7	8.8	7.4	12.2	778	26.0
1014412	225/55R16 XL	99T	7.0	6.0-8.0	50	1,709	25.8	9.1	7.4	12.2	804	25.7
1014432	205/50R17 XL	93T	6.5	5.5-7.5	50	1,433	25.2	8.3	6.8	12.2	824	21.1
1014417	215/55R17 XL	98T	7.0	6.0-7.5	50	1,653	26.4	8.8	7.1	12.2	788	25.5
1014419	215/50R17 XL	95T	7.0	6.0-7.5	50	1,521	25.6	8.8	7.1	12.2	812	24.1
1014420	215/45R17 XL	91T	7.0	7.0-8.0	50	1,356	24.7	8.3	7.4	12.2	840	21.1
1014411	225/55R17 XL	101T	7.0	6.0-8.0	50	1,819	26.9	9.1	7.4	12.2	774	27.0
1014409	225/50R17 XL	98T	7.0	6.0-8.0	50	1,653	26.0	9.0	7.4	12.2	799	25.3
1014410	225/45R17 XL	94T	7.5	7.0-8.5	50	1,477	25.0	8.8	7.7	12.2	830	22.7
1014438	235/55R17 XL	103T	7.5	6.5-8.5	50	1,929	27.2	9.6	7.8	12.2	762	27.4
1014439	235/45R17 XL	97T	8.0	7.5-9.0	50	1,609	25.4	9.2	8.0	12.2	817	25.1
1014426	245/45R18 XL	100T	8.0	7.5-9.0	50	1,764	26.7	9.5	8.4	12.2	777	28.8

Available Sidewall = BSW (Black Sidewall)  
 Technical data subject to change without prior notice.



Silica  
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M+S



- S & T-Rated
- 40/50/55/60/65/70/75 Series

Winter i\*Pike is High Performance Studdable Winter Tire designed for a wide range of passenger vehicles. A unique 'V' shaped tread design delivers exceptional traction and control in all winter driving conditions.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)

## Dimension Data

Pattern Code **W409**

Winter

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
					psi	lbs						
1011926	205/70R15	96T	6.0	5.0-7.0	44	1,565	26.4	8.2	6.5	12.5	786	22.9
1011915	P235/75R15	105S	6.5	6.0-8.0	44	2,028	30.9	9.4	7.4	12.5	672	29.6
1011908	205/50R16	87T	6.5	5.5-7.5	44	1,202	24.2	8.2	6.8	12.5	862	20.4
1011942	P215/60R17	95T	6.5	6.0-7.5	44	1,521	27.2	8.6	7.1	12.5	763	26.5
1011921	225/60R17	99T	6.5	6.0-8.0	44	1,709	27.7	8.9	7.4	12.5	750	27.6
1012304	P215/65R17	98T	6.5	6.0-7.5	44	1,653	28.0	8.7	7.1	12.5	742	27.5
1012305	225/50R18	95T	7.0	6.0-8.0	44	1,521	27.0	9.1	7.4	12.0	769	26.8
1011957	215/55R18	95T	7.0	6.0-7.5	44	1,521	27.4	8.7	7.1	12.0	759	26.4
1011952	P225/60R18	99T	6.5	6.0-8.0	44	1,709	28.6	9.0	7.4	12.5	726	29.3

Available Sidewall = BSW (Black Sidewall)  
 TSMI No.12 Recommended for Sutd Pin  
 Technical data subject to change without prior notice.

Premium Studdable Winter Tire For SUV/ Light Truck



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M+S

# i\*Pike RW11



- Q & T-Rated
- 50/55/60/65/70/75/80/85 Series

The i\*Pike RW11 is a Premium Studdable winter tire designed for SUVs and Light Trucks.



Meets the severe snow service requirement of the Rubber Manufacturer's Association (RMA)

# Dimension Data

Pattern Code **RW11**

Winter

S-Code	Size	L / I & SS	Measuring Rim	Rim Width Range	Max. Load		Overall Diameter	Section Width	Tread Width	Tread Depth	Revs/ Mile	Weight
					psi	lbs						
1011863	205/70R15T	96T	6.0	5.0-7.0	44	1,565	26.3	8.2	6.3	13.1	789	25.7
1012550	205/75R15T	97T	5.5	5.0-7.0	44	1,609	27.1	8.1	6.3	13.4	766	26.7
1011845	235/75R15T	105T	6.5	6.0-8.0	44	2,039	28.8	9.3	7.2	13.4	721	30.0
1010142	225/65R16	100T	6.5	6.0-8.0	44	1,764	27.5	9.0	7.1	13.5	756	28.5
1010143	235/65R16	103T	7.0	6.5-8.5	44	1,929	28.0	9.4	7.4	13.5	741	30.3
1010480	215/70R16	100T	6.5	5.5-7.0	44	1,764	27.9	8.7	6.6	13.5	745	28.7
1010138	225/70R16	103T	6.5	6.0-7.5	44	1,929	28.4	9.0	6.9	13.5	731	29.4
1010482	235/70R16 XL	109T	7.0	6.0-8.0	50	2,271	28.9	9.5	7.2	13.5	719	32.0
1010139	245/70R16	107T	7.0	6.5-8.0	44	2,150	29.5	9.8	7.5	13.5	704	32.6
1010483	255/70R16	111T	7.5	6.5-8.5	44	2,403	30.0	10.2	7.8	13.5	692	36.2
1010484	265/70R16	112T	8.0	7.0-9.0	44	2,469	30.6	10.6	8.1	13.5	679	37.4
1010347	225/75R16	104T	6.0	6.0-7.5	44	1,984	29.3	8.8	6.9	13.5	709	31.2
1010348	235/75R16	108T	6.5	6.0-8.0	44	2,205	29.8	9.3	7.2	13.5	696	32.4
1010486	245/75R16	111T	7.0	6.5-8.0	44	2,403	30.4	9.6	7.5	13.5	683	35.0
1010488	265/75R16	116T	7.5	7.0-9.0	44	2,756	31.7	10.4	8.2	13.5	655	38.9
1010134	225/65R17	102T	6.5	6.0-8.0	44	1,874	28.5	9.0	7.1	13.5	729	29.8
1010476	235/65R17	104T	7.0	6.5-8.5	44	1,984	29.1	9.4	7.6	13.5	715	32.8
1010135	245/65R17	107T	7.0	7.0-8.5	44	2,150	29.5	9.8	7.8	13.5	704	34.1
1010129	255/65R17	110T	7.5	7.0-9.0	44	2,337	30.1	10.2	7.9	13.5	691	36.3
1010136	265/65R17	112T	8.0	7.5-9.5	44	2,469	30.6	10.7	8.3	13.5	680	39.1
1010137	275/65R17	115T	8.0	7.5-9.5	44	2,679	31.1	11.0	8.7	13.5	668	41.2
1010477	245/70R17	110T	7.0	6.5-8.0	44	2,337	30.6	9.8	7.5	13.5	680	35.7
1010479	265/70R17	115T	8.0	7.0-9.0	44	2,679	31.7	10.7	8.1	13.5	656	39.5
1010144	225/55R18	98T	7.0	6.0-8.0	44	1,653	27.8	9.2	7.4	13.5	748	29.2
1010145	235/55R18	100T	7.5	6.5-8.5	44	1,764	28.1	9.6	7.7	13.5	738	32.1
1010226	255/55R18 XL	109T	8.0	7.0-9.0	50	2,271	29.0	10.4	8.3	13.5	716	37.3
1009529	235/60R18 XL	107T	7.0	6.5-8.5	50	2,149	29.1	9.4	7.3	14.0	714	34.0
1010227	P245/60R18	104T	7.0	7.0-8.5	44	1,984	29.6	9.8	7.9	13.5	703	35.1
1009530	265/60R18T	110T	8.0	7.5-9.5	44	2,337	30.5	10.7	8.2	14.0	681	38.4
1009531	P235/65R18	104T	7.0	6.5-8.5	44	1,984	30.0	9.5	7.3	14.0	692	33.6
1009533	P255/65R18	109T	7.5	7.0-9.0	44	2,271	31.1	10.2	7.9	14.0	668	37.5
1009534	P265/65R18	112T	8.0	7.5-9.5	44	2,469	31.5	10.7	8.2	14.0	659	41.3
1009535	P275/65R18	114T	8.0	7.5-9.5	44	2,601	32.1	11.0	8.6	14.0	647	41.7
1009536	P255/70R18	112T	7.5	6.5-8.5	44	2,469	32.1	10.2	7.9	14.0	647	40.1
1009537	P265/70R18	114T	8.0	7.0-9.0	44	2,601	32.6	10.7	8.2	14.0	637	41.8
1010133	255/50R19	103T	8.0	7.0-9.0	44	1,929	29.1	10.4	8.3	13.5	714	33.6
1010489	255/60R19	109T	7.5	7.0-9.0	44	2,271	31.1	10.2	7.9	14.0	668	38.7
1009538	P265/50R20	107T	8.5	7.5-9.5	44	2,149	30.5	10.9	8.2	14.0	681	38.4
1009539	P275/55R20	111T	8.5	7.5-9.5	44	2,403	32.0	11.2	8.6	14.0	649	40.9
1009540	P275/60R20	114T	8.0	7.5-9.5	44	2,601	33.0	11.0	8.6	14.0	629	44.9
2001686	LT235/75R15	104/101Q	6.5	6.0-7.0	50	1,985	28.9	9.3	7.2	16.5	720	37.4
2001708	31X10.50R15LT	109Q	8.5	7.0-9.0	50	2,270	30.5	10.6	8.1	16.5	681	43.9
2001423	LT225/75R16	115/112Q	6.0	6.0-7.0	80	2,680	29.3	8.8	7.0	16.5	709	42.2
2001420	LT245/75R16	120/116Q	7.0	6.5-8.0	80	3,042	30.5	9.8	7.5	16.5	682	46.1
2001442	LT265/75R16	123/120Q	7.5	7.0-8.0	80	3,415	31.7	10.5	8.3	16.5	656	49.2
2001421	LT215/85R16	115/112Q	6.0	5.5-7.0	80	2,680	30.4	8.5	6.5	16.5	683	41.8
2001422	LT235/85R16	120/116Q	6.5	6.0-7.5	80	3,042	31.7	9.3	7.2	16.5	655	45.7
2001434	LT245/70R17	119/116Q	7.0	6.5-8.0	80	3,000	30.6	9.8	7.6	16.5	680	45.9
2001426	LT265/70R17	121/118Q	8.0	7.0-8.5	80	3,195	31.7	10.7	8.3	16.5	656	50.8
2001689	LT245/75R17	121/118Q	7.0	6.5-7.5	80	3,195	31.5	9.8	7.6	16.5	660	48.4
2001425	LT235/80R17	120/117Q	6.5	6.0-7.5	80	3,085	31.8	9.3	7.1	16.5	653	47.2
2001690	LT275/65R20	126/123Q	8.0	7.5-9.5	80	3,750	34.1	11.0	8.3	16.5	609	68.5

Available Sidewall = BSW (Black Sidewall)  
 Recommend for Stud Pin (TSMI No.12 for (P) Metric Sizes and TSMI No.15 for LT Metric Sizes)  
 Technical data subject to change without prior notice.

# Important Safety Warning

**For your safety and protection against serious injury or death, the following safety precaution and maintenance instruction must be observed at all times.**

## IMPORTANT SAFETY CHECK LISTS

- Check tire air pressure periodically.
- Inspect tire for uneven treadwear, cracks, bulges or any sign of foreign material or trauma.
- Remember to check your tire load carrying capacity and speed ratings.
- Check your tire life. Tires must be replaced when tread is worn down to 2/32".
- Never overload your vehicle, check tire load carrying capacity or vehicle owner's manual for the maximum recommended load.

## TIRE INFLATION PRESSURE

**Warning :** Under inflated and/or overloaded tires pose a safety risk. The National Highway Traffic Safety Administration (NHTSA) estimates that under inflated tires contribute to more than 600 fatalities and 33,000 injuries each year. A tire can lose up to half of its air pressure and not appear to be flat! Do you know your tires are more likely than not under-inflated? Results of a tire pressure survey conducted by RMA (Rubber Manufacturers Association) show:

- Only 9% of vehicles had all 4 tires properly inflated.
- 50% of vehicles had at least one tire under inflated.
- 19% of vehicles had at least one tire under inflated by 8 PSI.
- 26% of vehicles had at least one tire under inflated by 6 PSI.
- 38% of vehicles had at least one tire under inflated by 4 PSI.

**Under Inflation:** Under inflation (or tire over loading) lead to tire failures, which often result in serious personal injury or death. Among the mode of tire failures are tread/belt separations, sidewall flex breaks and crack formation, among others. Tires run hotter when under inflated which can lead or contribute to tire failure. Under Inflation also adversely affect fuel economy, tire wear and vehicle handling.

**Proper Inflation:** Proper tire inflation is essential for optimum performance and longevity of the tire. A U. S. Department of Energy study shows that "properly inflated tires can improve fuel efficiency by 3.3%. So, what is the proper inflation for my tires and where can I find it? For original equipment tires or replacement tires with the same size and load rating, proper inflation is specified by the vehicle manufacturer shown on a placard that can be found on the door edge, door post, glove compartment door or gas tank door. It can also be found in the owner's manual. For plus sized replacement tires consult your local dealer or tire manufacturer. Proper inflation information is NOT stamped on the sidewall of the tire. The inflation pressure shown on the sidewall of the tire is the maximum inflation pressure for that tire.

**Check Tire Inflation Pressure Regularly.** Tire inflation pressure must be checked at least once a month and before each and every long trip. The tire air pressure must be

checked when the tires are cold, in the morning, before doing any driving. At all times visually check tires for nails or other objects embedded in the tread which can cause air leak. Also never bleed or reduce inflation pressure when tires are hot. Over inflation must also be avoided as it can cause uneven wear at the center of tire tread and make the tire more susceptible to road hazards.

**Tire Pressure Monitoring System (TPMS):** All new passenger, SUV and light truck vehicles manufactured since (indicate the model year) are required to be equipped with a tire pressure monitoring system. This system will warn drivers when a tire is 25% (8 PSI if the recommended inflation pressure is 32 PSI) under inflated. This warning may be too late to prevent tire damage caused by under inflation. TPMS units are NOT a replacement for monthly tire pressure checks with a tire gauge.

## TIRE DAMAGE

Inspect your tires frequently for uneven wear, scrapes, bulges, separations, cuts, snags and other damage from road hazards. Damage from impact can occur to the inner part of your tire without being visible to the outside. If you have any doubt that your tire has been damaged from hitting a pothole, curb or debris on the road, tires must be removed from the wheel and inspected for damage by a qualified person such as Hankook authorized dealer. Uneven wear can lead to internal damage or separation.

## TIRE LOAD

The load carrying capacity of the replacement tire must always equal or exceed the load carrying capacity of the original equipment tire. Tires that are loaded in excess of allowable maximum can build up heat to cause sudden air loss.

TIRE AND LOADING INFORMATION			
SEATING CAPACITY		TOTAL 6	FRONT 3 REAR 3
The combined weight of the occupants and cargo should never exceed 611 kg or 1348 lbs.			
TIRE	SIZE	COLD TIRE PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
FRONT	P245/70R17 108S	240 kPa, 35 PSI	
REAR	P245/70R17 108S	240 kPa, 35 PSI	
SPARE	P245/70R17 108S	240 kPa, 35 PSI	

## SPEED

When replacing tires, consult the placard or the owner's manual for correct size and speed rating. The speed rating of the replacement tires must be equal to or greater than the speed rating of the tire being replaced to maintain the speed capability of the vehicle. Speed ratings do not imply that the vehicle can be safely driven at the maximum speeds for which the tire is rated. Serious injury or death may take place if you drive your vehicle in an unsafe or unlawful manner. Hankook's speed symbol designations are verified and comply with regulatory indoor test in accordance with ECE-R30,54 test (Economic council for Europe : Procedure Load / Speed performance test for tires). These symbols are not applicable to the repaired tires.

## CHECK TIRE LIFE

Tires have six built-in treadwear indicators that warn you when it is time to replace your tires. These indicators are raised ribs 2/32 inches height sections spaced intermittently in the bottom

Disregarding any of the safety precautions and instructions contained in this information sheet may result in tire failure or explosion causing serious personal injury or death.

of the tread grooves. When they appear even with the outside of the tread, it is time to replace your tires immediately.

Category	Maximum Speed	
G	90 km/h	55 mph
J	100 km/h	62 mph
K	110 km/h	68 mph
L	120 km/h	74 mph
M	130 km/h	80 mph
N	140 km/h	87 mph
P	150 km/h	93 mph
O	160 km/h	99 mph

Speed symbol can be shown from the tire size for example P205/60R15 90 (H)

Category	Maximum Speed	
R	170 km/h	105 mph
S	180 km/h	112 mph
T	190 km/h	118 mph
U	200 km/h	124 mph
H	210 km/h	130 mph
V	240 km/h	149 mph
W	270 km/h	168 mph
Y	300 km/h	186 mph

### CHECK TIRE LIFE

Tires have six built-in treadwear indicators that warn you when it is time to replace your tires. These indicators are raised ribs 2/32 inches height sections spaced intermittently in the bottom of the tread grooves. When they appear even with the outside of the tread, it is time to replace your tires immediately.

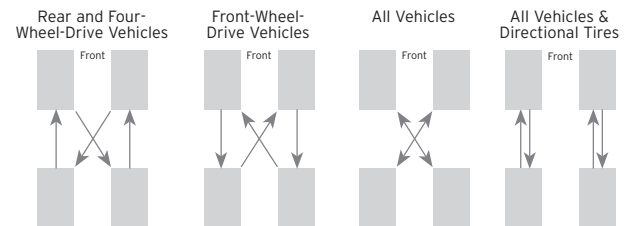
### TIRE MOUNTING

Tire mounting and inflation can be dangerous and shall be done only by specially trained persons using proper tools and procedures. Always refer to the Rubber Manufacturers Association mounting procedure. Serious physical injury or death may result from explosion of tire / rim assembly due to improper mounting. A tire bead diameter must always match the diameter of the rim on which it is being mounted. When inflating /dismounting RV tires, approved OSHA safety cages

must be used. Never stand, lean or reach over the assembly while inflating tires.

### TIRE ROTATION

For safety and maximizing tire life, rotate your tires at least every 7,500 miles or at the vehicle manufacturer's recommended mileage, if sooner. Each tire pressure must be checked after rotation and adjusted to the vehicle manufacturer's recommendation for the tire's new location on the vehicle. If irregular wear is evident, vehicle alignment or other mechanical problem should be checked.



### TIRE REPAIR

Make sure any repair shall be done by a specially trained person who knows proper repair and inspection procedure. Never repair tires worn below the treadwear indicators (2/32nds of an inch of tread remaining tread depth). Punctures through the tread can be repaired if they are not too large, but punctures to the sidewall should not be repaired at any time. Tire's internal structural damage may occur during the service, even if the tire was properly repaired.

### SERVICE ASSISTANT OR CUSTOMER SATISFACTION

First contact the nearest Hankook Dealer. For the dealer information or additional technical information, call the toll-free customer technical service number: 1-800-HANKOOK or log on to Hankook Tire Web Site: [www.hankooktireusa.com](http://www.hankooktireusa.com)

## Limited Warranty

### TERMS AND CONDITIONS FOR HANKOOK TIRES

#### WARRANTY TERMS

This limited warranty applies to the original purchaser of any new tire manufactured by HANKOOK Tire Co., Ltd 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:

- The tire was purchased after January 1, 2016.
- The tire is a size, load rating and speed rating equal to or greater than that recommended by the vehicle manufacturer.
- The tire has not become unserviceable due to a condition listed under WHAT IS NOT COVERED.
- Tire is 6 years from the date of manufacture or 5 years from the date of purchase.

#### 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 2/32" remaining tread), Hankook will give a credit on the following conditions:

1. During the first 2/32nds of the original usable tread and one year from date of purchase: 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 2/32nds 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 pre-determined adjustment price for the tire (excluding taxes)

# Limited Warranty TERMS AND CONDITIONS FOR HANKOOK TIRES

- by the percentage of original tread depth remaining on the tire.
- 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:

- Outside of the Continental United States.
- 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.
- Premature or irregular wear due to vehicle mechanical reason.
- Conditions resulting from without limitation, improper mounting/demounting, under inflation, improper tire size, improper repair, defect in vehicle, abuse.
- Ozone or weather cracking on tires over four (4) years old from the date of manufacture.
- Ride disturbance complaints after 2/32 tread wear or 1 year from date of purchase, whichever occurs first.
- With less than 2/32" remaining depth.
- With the serial number cut or buffed.
- Racing & off road use and Misapplication.
- Loss of time or use, inconvenience or any incidental or consequential damage.
- Used in commercial service, excluding truck & bus tires.

\* 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 Continental United States of America.
- Submit or present a copy of the original purchase receipt.
- Complete and sign a Hankook Claim Form which is available at any authorized dealer.
- End users should complete the warranty card which is available at authorized Hankook dealers for tread wear mileage warranty and mail it to Hankook Tire America Corp. (1450 Valley Road, Wayne NJ 07470. Attn: Technical Department) within 30 days from the date of purchase.
- In order to take advantage of mileage warranty, you must submit tire rotation record which proves that all tires are rotated once every 7,500 miles.
- If the tire owner abuses the tires by failing to do the following, but not limited to observe safety warnings, maintain proper inflation pressure, maintain vehicle alignment and tire rotation, expected tire performance or life may not be achieved and your safety cannot be ensured.

## ROAD HAZARD WARRANTY

If a tire is rendered unserviceable due to a non-repairable road hazard, it must meet following guidelines:

- Tire must be listed in eligible products for Road Hazard
- Tire must be worn within first 2/32nds
- Tire must be within one year from date of purchase qualifying tires will be replaced free of charge with a comparable Hankook produced tire. Adjustment procedure is prescribed in the Owner's General Obligation section.

Taxes and service charges are not included. The eligible products for Road Hazard warranty are as follows:

- VENTUS Line: V12 evo2, S1 Noble 2, V2 Concept 2
- OPTIMO Line: H727, H426, H725, H436
- DYNAPRO Line: HP2, AT-M (P-metric), HT (P-metric)

\* Exclusion:

- A. This warranty is not applicable to original equipment (OE) tires.
- B. Repairable punctures are not covered under this warranty.

## TREADWEAR MILEAGE WARRANTY

Hankook provides very competitive treadwear mileage Warranty as follows:

TREADWEAR MILEAGE WARRANTY	TIRE TYPE	REMARKS
100,000	OPTIMO H727	
80,000	OPTIMO H725	
70,000	OPTIMO H724, Dynapro HT	P-Metric
65,000	Dynapro HP2	
60,000	OPTIMO H426, H436	
50,000	Ventus H101, Ventus S1 Noble 2, Ventus ST*, OPTIMO H431, OPTIMO H725A, Dynapro HP, RADIAL RA07	
	Dynapro AS, Dynapro AT, Dynapro AT-m,	P-Metric
45,000	Ventus V2 Concept2	
40,000	Dynapro HT, Dynapro AS	LT-Metric

\*Ventus S1 Noble 2 : Over 40 series only (Not applicable to 35 series or below).

\*Ventus ST : 24 inches and under.

- If the above eligible tire wears out (wears down to 2/32" remaining depth) before the warranty miles under the normal passenger use, Hankook will make an allowance for unused service toward the purchase of a new tire of the same size and type, prorated on warranted miles.
- The replacement allowance will be calculated by percentage of the warranted miles not received, multiplied to the pre-determined adjustment price of the tire at the time and place of the adjustment.
- To take advantage of this warranty, the owner shall submit warranty card which records the purchasing & vehicle information within 30 days from the date of purchase. (Warranty card must be mailed to Hankook Tire America Corp.)
- To make a claim, tire rotation record shall be presented along with the claimed tire. (The cost of mounting, balance and other service charges or taxes shall be paid by the customer)
- This warranty is not applicable to original equipment tires.



## DISCLAIMER

This warranty, or any warranty stated or referred to herein, is exclusive and in lieu of any other warranty regarding the quality of Hankook tires, whether expressed or implied and remedies for breach thereof shall be limited to those specifically provided herein. Any warranty of merchantability of fitness for any particular purpose, if made, is limited in duration to the effective time period of this 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

Head Office: 1450 Valley Road, Wayne, NJ 07470  
1-800-HANKOOK

For warranty information, please visit  
[www.hankooktireusa.com](http://www.hankooktireusa.com) or call 1-800-HANKOOK.

## SAFETY AND WARRANTY SYMBOLS



# Claim Adjustment Procedure

For all claims for adjustment, a claim form must be filled out. Completed claim form shall be mailed to Hankook Tire America Corp. office. Do not ship tires to Hankook. Hankook reserves the right to demand physical inspection of the tires on which adjustment is claimed. If Hankook exercises its right to inspect, it will do so by sending a written request to ship the tires to Hankook's Claim Center. In determining the cause for removal from service, always examine both the inside and outside of the tire body. If the tire is not entitled to adjustment, Hankook will advise the dealer; explain the reason for the failure and advise him/her of preventive maintenance.

### A. If the examination shows that the tire is adjustable under the terms of our Warranty :

1. Be sure that the tire returned by the consumer bears our name and DOT number.
2. Measure the remaining tread depth in 32nds of an inch. Be sure to measure in grooves nearest the center line of the tire.
3. Refer to ORIGINAL TREAD DEPTH for the size and type of the returned tire.

Use the ORIGINAL TREAD DEPTH CHART to determine the percentage of credit due based on remaining tread depth.

4. Fill out the CLAIM ADJUSTMENT FORM completely, sign it yourself and have it signed by the owner of the tire.

### B. Fill out each claim form with the following information for each tire being adjusted :

- |  |  |
|--|--|
| 1. Pattern Name                                    | 16. Vin Number                                     |
| 2. Month, Day, & Year of Claim                     | 17. Size, Type, Ply-Rating of Tire                 |
| 3. Distributor's Contact Information               | 18. Material Number                                |
| 4. Dealer's Contact Information                    | 19. MFG's Serial Number (commercial use only)      |
| 5. Fleet (commercial use only) Contact Information | 20. D.O.T. Number of Tire                          |
| 6. Owner's Contact Information                     | 21. Air Pressure Used                              |
| 7. Vehicle Year                                    | 22. Remaining Tread Depth (Inch)                   |
| 8. Vehicle Make                                    | 23. Road Force Measurement or Total Balance Weight |
| 9. Vehicle Model                                   | 24. Tire Position                                  |
| 10. Tire Installation Date                         | 25. Description of Defect                          |
| 11. Install Miles                                  | 26. Details and Damages Of Any Defects             |
| 12. Removal Miles                                  | 27. Signature of Dealer                            |
| 13. Total Miles                                    | 28. Signature of Owner (User)                      |
| 14. Vehicle Usage                                  |  |
| 15. Original Equipment (Yes/No)                    |  |

This form must be accurately completed by the dealer and signed by the owner of the product. Incomplete forms will not be accepted.

### C. Marking tires for physical inspection :

Please mark all tires being shipped to our claim center in the following manner.

1. Clearly state dealer's name.
2. Mark over identification (DOT) number with crayon and make clearly legible (Disregard if DOT has been cut & sent in with claim).
3. Tire condition - circle area of failure (a two-inch crayon mark around the condition). Ride complaints should be marked as "O.R."
4. Claim number close to identification number using the last two digits of claim number. Example: If claim number is "H-00123" and the item is number "1", then the number you would mark on the tire would be "23-1".
5. Attach a copy of all claim forms to the packing list. vehicle alignment and tire rotation, expected tire packing list.

### D. Forwarding claim forms to Hankook :

Retain "Dealer's File Copy" for your records and forward all other copies to:

1. Western Area (AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, WY)  
Hankook Tire America Corp. 11555 Arrow Route, Suite 105  
Rancho Cucamonga, CA 91730 Attn: Technical Department
2. Other Areas:  
Hankook Tire America Corp. 1450 Valley Road  
Wayne, New Jersey 07470 Attn: Technical Department

### E. For photo inspection :

Accumulation of 30 tires or less: Enclose cut-out DOT numbers and a photograph of the tire with the claim form.

When an adjustment is received, Hankook will... Review the claim within thirty (30) days and either issue credit or request the tires to be shipped to our claim center for physical inspection. If we decide a physical inspection is necessary, we will send you a written request to ship the tires to a designated location. (NOTE: DO NOT send tires to our claim centers unless you are requested to do so.)

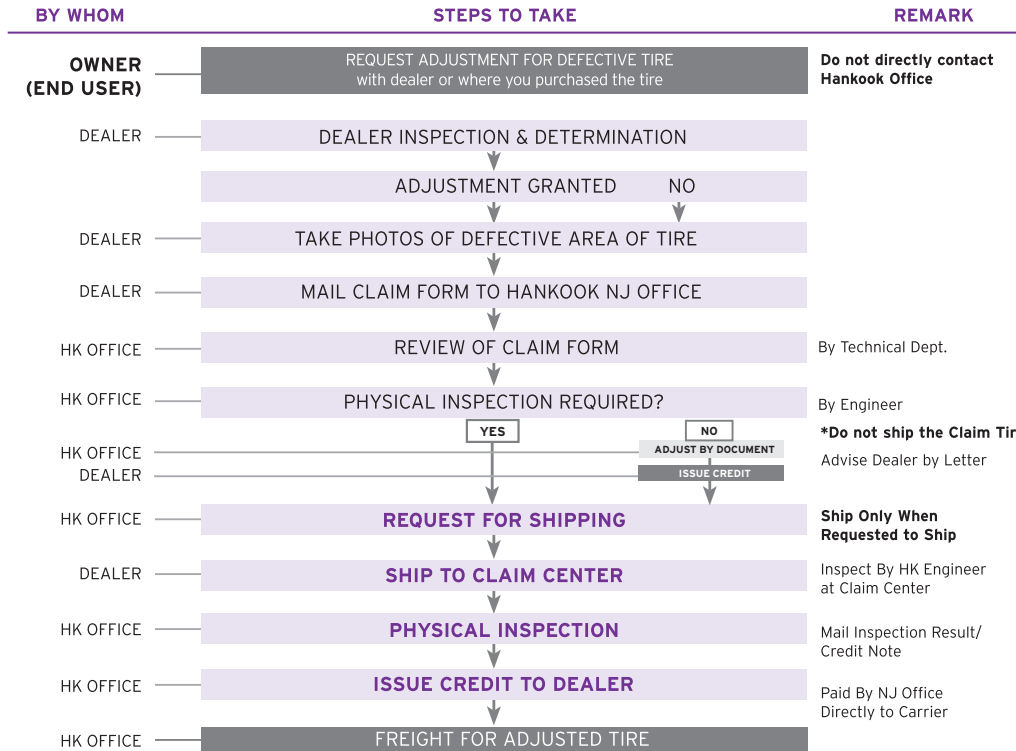
Tires must be held by you for thirty days or until credit has been received whichever is later. If tires are requested to be shipped for inspection during this period and are not available, claim will be disallowed and adjustment credit will not be issued.

# Claim Procedure Flow Chart

**Remember:**

- Adjustments will be made on a pro-rata basis, calculated on remaining usable tread depth and the predetermined adjustment price if there is no applicable special warranty program.
- Usable tread depth is the original depth less 2/32nds of an inch.
- When the tire is worn down to 2/32nds, the tire is considered worn out and the warranty expires.

- Tires having had DOT or serial numbers previously cut or mutilated will not be adjusted.
- The result of physical inspections by Hankook will prevail over your findings to the contrary subject to your right to legally contest our findings.



**NOTE :** No freight will be paid where shipment of tire was not required. Where tires are shipped to wrong address or shipped where not requested, freight will be paid by shipper.

## Freight Policy

- Do not ship tires to Hankook's Claim Centers unless we requested you to do so. Hankook Tire America Corp. will pay freight charges for all adjustment shipments requested by Hankook. Tires shipped on your own, not at Hankook's request, will be at your own expense. If sent collect, shipment will be refused and returned to you. This should reduce the freight bill by 40% to 60%.
- When writing the bill of lading:
  - Indicate Hankook Tire America Corp, 1450 Valley Road, Wayne, NJ 07470 as the 3rd party to be billed
  - The classification you assign to the adjustment tires should be: "Class #60, Item #196000, Scrap Rubber Tires - having a value only for reclamation of raw material at \$.90 per pound"
- Average weights for adjustment are:
  - All Passenger Tires: 20 Pounds/Each
  - Light Truck Tires: 40 Pounds/Each
  - Medium Truck Tires: 110 Pounds/Each
  - Tube Passenger Tires: 2 Pounds/Each
  - Tube Truck Tires: 8 Pounds/Each
- If you wish to have rejected tires returned to you, please so

indicate in the comments section of the Hankook Tire Claim Form. Any tires that you request to be returned after a physical inspection will be shipped back to you at your own expense. Otherwise, all tires not accompanied with a return request will be scrapped immediately following Hankook's inspection.

- Do not palletize tires.
- Please use one of the following freight companies to ship tires/tubes to Hankook's Claim Centers.
  - To: Dayton, NJ: 18 Thatcher Road Dayton, NJ 08810
    - Con-way
    - YRC
  - To: Rancho Cucamonga, CA: 11555 Arrow Route Suite 105 Rancho Cucamonga, CA 91730
    - Con-way
    - YRC

\* California and Nevada only use Con-Way.

**NOTE :** Freight will not be paid by Hankook unless one of the above companies is used. Exceptions will be taken only in cases where none of these freight lines can pick-up in your area, and you further obtain our approval in advance.

# Claim Form Sample



## TIRE CLAIM FORM

**HANKOOK TIRE AMERICA CORP.**  
**Technical Department**  
 1450 Valley Road, Wayne NJ 07470  
 Tel: 1-800-HANKOOK (426-5665)

DATE OF CLAIM

Pattern Name : 1

/ 2 /

THIS FORM MUST BE ACCURATELY COMPLETED BY THE DEALER AND SIGNED BY OWNER USING THE PRODUCT. INCOMPLETE FORMS WILL NOT BE ACCEPTED.

**OWNER'S COPY**

**H 1234567**

DISTRIBUTOR <u>3</u>		DEALER <u>4</u>		FLEET (Commercial Use Only) <u>5</u>		OWNER-USER <u>6</u>	
NAME :		NAME :		NAME :		NAME :	
ADDRESS :		ADDRESS :		ADDRESS :		ADDRESS :	
Phone Number :		Phone Number :		Phone Number :		Phone Number :	
ACCT# :		ACCT# :		ACCT# :		Email :	

VEHICLE INFORMATION													
YEAR	<u>7</u>	MAKE	<u>8</u>	MODEL	<u>9</u>	INSTALL DATE	<u>10</u>	INSTALL MILES	<u>11</u>	REMOVAL MILES	<u>12</u>	TOTAL MILES	<u>13</u>
VEHICLE USAGE (NORMAL / COMMERCIAL / OFFROAD / RACING / ETC.)				<u>14</u>	ORIGINAL EQUIPMENT		YES <input type="checkbox"/>	NO <input type="checkbox"/>	<u>15</u>	VIN NUMBER		<u>16</u>	

ITEM NO.	SIZE / TYPE / PLY	FOR OFFICE USE ONLY	MATERIAL NO.	MFG'S SERIAL NO. (Commercial Use Only)	D.O.T. NUMBER	PSI	32NDS REMAINING	RFV or Balance WT (OZ/GR)	Tire Position (L/F, L/R, R/F, R/R)	DESCRIPTION OF DEFECT	Ref.Code
1											
2											
3	<u>17</u>		<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	
4											
5											
6											

\*OTHER, PLEASE DESCRIBE: 26

I hereby certify that the above described merchandise was sold in New/Unused condition to the Owner-User identified above and that all the foregoing statements are factually correct. Having discussed this adjustment claim in detail with the Owner-User, I am convinced that the merchandise presented for adjustment was not involved in a motor vehicle accident.

DEALER'S SIGNATURE 27

I hereby certify that I am the original Owner-User of the above described merchandise and was not involved in a motor vehicle accident and that all the foregoing statements are factually correct.

OWNER-USER'S SIGNATURE 28

TIRES MUST BE HELD UNTIL FURTHER NOTICE, OR UNTIL CREDIT IS RECEIVED. SHOULD TIRES BE REQUESTED FOR INSPECTION AND BE UNAVAILABLE, ADJUSTMENTS CREDIT WILL NOT BE ISSUED.

**INSTRUCTIONS :** 30 OR MORE TIRES CALL TECHNICAL DEPARTMENT.  
 PLEASE INSERT : 1. CUT OUT D.O.T. NO. 2. PHOTOS SHOWING DEFECTIVE PARTS  
 RETAIN WHITE COPY FOR YOUR RECORDS.  
 RETURN BALANCE OF SET TO : **HANKOOK TIRE AMERICA CORP.**

HK-C FORM 03/2012

### NOTE : Please fill in completely the following items:

- |  |  |
|--|--|
| 1. Pattern Name                                    | 15. Original Equipment (Yes/No)                    |
| 2. Month, Day, & Year of Claim                     | 16. Vin Number                                     |
| 3. Distributor's Contact Information               | 17. Size, Type, Ply-Rating of Tire                 |
| 4. Dealer's Contact Information                    | 18. Material Number                                |
| 5. Fleet (commercial use only) Contact Information | 19. MFG's Serial Number (commercial use only)      |
| 6. Owner's Contact Information                     | 20. D.O.T. Number of Tire                          |
| 7. Vehicle Year                                    | 21. Air Pressure Used                              |
| 8. Vehicle Make                                    | 22. Remaining Tread Depth (Inch)                   |
| 9. Vehicle Model                                   | 23. Road Force Measurement or Total Balance Weight |
| 10. Tire Installation Date                         | 24. Tire Position                                  |
| 11. Install Miles                                  | 25. Description of Defect                          |
| 12. Removal Miles                                  | 26. Details and Damages if Any Defect              |
| 13. Total Miles                                    | 27. Signature of Dealer                            |
| 14. Vehicle Usage                                  | 28. Signature of Owner (User)                      |

# General Terms & Policies

This Marketing Policy applies to all Hankook brand tires distributed by Hankook Tire America Corp. In this Marketing Policy, discounts and credits vary on the categories of products.

## Following categories are used:

1. PCR : Passenger Car Radial Tires (Including Z36: P235/75R15 XL, Dynapro AT & Dynapro AS: P-Metric, Radial RA08)
2. LTR : Light Truck Radial Tires
3. TBR : Medium Truck Radial Tires (Tires over 17.5")

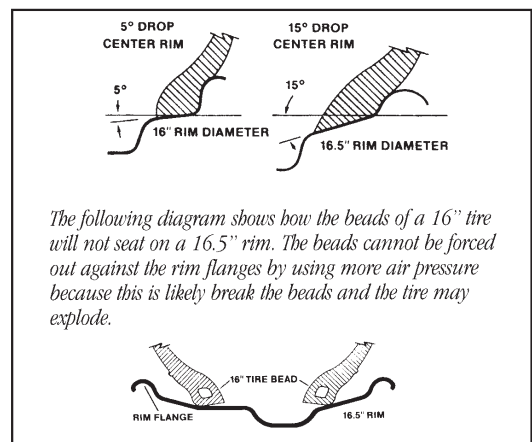
## Mounting Precaution

There is extreme danger in attempting to install a tire of one rim diameter on a rim of a different rim diameter.

Always replace a tire on a rim with another tire of exactly the same diameter tire designation and suffix letters.

For example, a 16" tire goes with a 16" rim. Never mount a 16" size diameter tire on a 16.5" rim. While it is possible to pass a 16" diameter tire over the lip or flange of a 16.5" size diameter rim, it cannot be inflated enough to position itself against the rim flange. If an attempt is made to seat the tire bead by inflating, the tire bead may break with explosive force and could cause serious bodily injury or death.

Rims of different diameters and tapers cannot be interchanged. The top right diagrams illustrate the difference between rims of two different tapers and diameters.



### DEATH OR SERIOUS INJURY MAY RESULT FROM:

**TIRE FAILURE DUE TO UNDER-INFLATION/OVER LOADING.**

**FOLLOW OWNER'S MANUAL OR TIRE PLACARD IN VEHICLE.**

**EXPLOSION OF TIRE/RIM ASSEMBLY MAY RESULT FROM IMPROPER MOUNTING.**

**DO NOT EXCEED 40 PSI TO SEAT BEADS.**

Only Specially Trained Persons Should Mount Tires.

#### TIRE MOUNTING PRECAUTIONS. WARNING TO AVOID INJURY.

1. CLEAN RIM. LUBRICATE RIM AND BEADS.
2. BE SURE BEADS ARE CENTERED.
3. DO NOT STAND OVER TIRE WHILE INFLATING.
4. AFTER BEADS SEAT, ADJUST TO RECOMMENDED INFLATION.

#### SPECIAL PRECAUTIONS FOR STEEL RADIAL TIRES.

- Moisture trapped inside tires can cause damage.
1. STORE TIRES IN DRY AREA.
  2. DRY INTERIOR BEFORE MOUNTING.
  3. INFLATE WITH COLD DRY AIR.

# Four Wheel Alignment

## Deciding what to do when the wheels don't line up.

The vehicle center line of the chassis/body is found by measuring in equal distance from both sides of the vehicle.

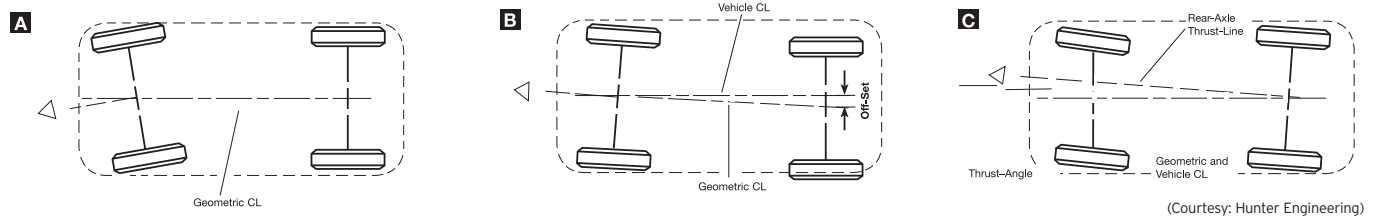
The geometric center line is something a little different. It is determined by the midpoint between the front wheels and rear wheels. If the wheels or axles are not offset to one side, the geometric center line and vehicle center line will be identical. Should the front wheels or rear axle be slightly off center, however, the geometric center line will be at an angle to the vehicle center line. When the two lines do not coincide, tracking problems result. The rear wheels will not follow the front wheels because one set of wheels is offset from true center.

The third line we must deal with is the thrust line. This imaginary line also runs the length of the vehicle, and is determined by the total toe of the rear wheels. The thrust line divides the total toe in half. If toe for both rear wheels is zero (which is where it should be), the thrust line would be 90 degrees to the rear axle right up the center of the car.

The geometric and vehicle center lines are one in the same in a properly aligned vehicle (shown in A).

If the rear axle is offset to one side (B) the geometric and vehicle center lines will be at an angle.

If the rear axle or wheels are toed to one side (C), the thrust line will not match up with the center line and the vehicle will pull-in this case to the left.



## Technical Bulletins

### Hankook Replacement Recommendations: Tire Service Life for Passenger Car and Light Truck Tires.

There is no hard and fast rule to measure service life of a tire. Tires are made with various types of raw materials and a variety of rubber compounds all having varying performance properties. Once a tire is designed and manufactured to achieve given performance property and put into use, it is still subjected to varying conditions such as weather, storage, and still further varying use conditions such as load, speed, inflation pressure, maintenance and road condition. Since all these factors affect the service life of a tire, it just is not possible to predict with accuracy or scientific validity service life of a tire.

Tires unquestionably degrade over time, whether in use or not in use. Some tire and vehicle manufacturers published warnings to consumers of their products to the effect that tires should be replaced after six years of manufacture. Certain industry organizations issued statements concurring with six year service life for tires. Depending on severity of adverse use conditions or non-use, many tires degrade fast enough to require replacement before six years of service life. Others in perfectly favorable use conditions may enjoy service life of more than six years.

The following recommendations are intended to give consumers some idea concerning service life of a tire.

Hankook always insist and mandate that consumers properly maintain and periodically inspect their tires. Even if a consumer properly maintain and periodically inspect the tire, most tires will require replacement before 10 years of manufacture regardless of tread-wear. It is recommended that tires in service 10 years or more from the date of manufacture must be replaced even if it was never used.

Date of manufacture can be determined by reading the Department of Transportation (DOT) code on the sidewall. The entire code will be printed on outbound side of the tire. The DOT code will end with the week and year of manufacture. For example, a tire with DOT code reading 1GFN AVN 1408, was manufactured during the 14th week of 2008.

Consumers must regularly have tires inspected by qualified tire dealers throughout its life. Further tires that are over five years of age should be inspected at least twice a year and more frequently if the use is heavy.

Consumers must always be vigilant of their tires performance, condition, inflation pressure, and any other issues that could affect the life of a tire.

Consumers properly maintain, including proper inflation pressures, and periodically inspect your tires. Failure to do so might result in separation or performance loss resulting in vehicle damage, injury or even death.

For original equipment tires, acquired when purchasing a new vehicle, should follow all of vehicle manufacturers recommendations.

HANKOOK TIRE AMERICA CORPORATION  
Technical Department  
1-800-HANKOOK

# Credit Percentage Table 1 & 2

(1/32")	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5
2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.5	8	7	7	6	6	6	5	5	5	5	4	4	4	4	4	4	3	3	3	3	3
3.0	15	14	13	13	12	11	11	10	10	9	9	8	8	8	7	7	7	7	6	6	6
3.5	23	21	20	19	18	17	16	15	14	14	13	13	12	12	11	11	10	10	10	9	9
4.0	31	29	27	25	24	22	21	20	19	18	17	17	16	15	15	14	14	13	13	13	12
4.5	39	36	33	31	29	28	26	25	24	23	22	21	20	19	19	18	17	17	16	16	15
5.0	46	43	40	38	35	33	32	30	29	27	26	25	24	23	22	21	21	20	19	19	18
5.5	54	50	47	44	41	39	37	35	33	32	30	29	28	27	26	25	24	23	23	22	21
6.0	62	57	53	50	47	44	42	40	38	36	35	33	32	31	30	29	28	27	26	25	24
6.5	69	64	60	56	53	50	47	45	43	41	39	38	36	35	33	32	31	30	29	28	27
7.0	77	71	67	63	59	56	53	50	48	45	43	42	40	38	37	36	34	33	32	31	30
7.5	85	79	73	69	65	61	58	55	52	50	48	46	44	42	41	39	38	37	35	34	33
8.0	92	86	80	75	71	67	63	60	57	55	52	50	48	46	44	43	41	40	39	38	36
8.5	100	93	87	81	76	72	68	65	62	59	57	54	52	50	48	46	45	43	42	41	39
9.0		100	93	88	82	78	74	70	67	64	61	58	56	54	52	50	48	47	45	44	42
9.5			100	94	88	83	79	75	71	68	65	63	60	58	56	54	52	50	48	47	45
10.0				100	94	89	84	80	76	73	70	67	64	62	59	57	55	53	52	50	48
10.5					100	94	89	85	81	77	74	71	68	65	63	61	59	57	55	53	52
11.0						100	95	90	86	82	78	75	72	69	67	64	62	60	58	56	55
11.5							100	95	90	86	83	79	76	73	70	68	66	63	61	59	58
12.0								100	95	91	87	83	80	77	74	71	69	67	65	63	61
12.5									100	95	91	88	84	81	78	75	72	70	68	66	64
13.0										100	96	92	88	85	81	79	76	73	71	69	67
13.5											100	96	92	88	85	82	79	77	74	72	70
14.0												100	96	92	89	86	83	80	77	75	73
14.5													100	96	93	89	86	83	81	78	76
15.0														100	96	93	90	87	84	81	79
15.5															100	96	93	90	87	84	82
16.0																100	97	93	90	88	85
16.5																	100	97	94	91	88
17.0																		100	97	94	91
17.5																			100	97	94
18.0																				100	97
18.5																					100

(1/32")	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	9	8	8	7	7	6	6	6	5	5	5	5	4	4	4	4	4	4
4	18	17	15	14	13	13	12	11	11	10	10	9	9	8	8	8	7	7
5	27	25	23	21	20	19	18	17	16	15	14	14	13	13	12	12	11	11
6	36	33	31	29	27	25	24	22	21	20	19	18	17	17	16	15	15	14
7	45	42	38	36	33	31	29	28	26	25	24	23	22	21	20	19	19	18
8	55	50	46	43	40	38	35	33	32	30	29	27	26	25	24	23	22	21
9	64	58	54	50	47	44	41	39	37	35	33	32	30	29	28	27	26	25
10	73	67	62	57	53	50	47	44	42	40	38	36	35	33	32	31	30	29
11	82	75	69	64	60	56	53	50	47	45	43	41	39	38	36	35	33	32
12	91	83	77	71	67	63	59	56	53	50	48	45	43	42	40	38	37	36
13	100	92	85	79	73	69	65	61	58	55	52	50	48	46	44	42	41	39
14		100	92	86	80	75	71	67	63	60	57	55	52	50	48	46	44	43
15			100	93	87	81	76	72	68	65	62	59	57	54	52	50	48	46
16				100	93	88	82	78	74	70	67	64	61	58	56	54	52	50
17					100	94	88	83	79	75	71	68	65	63	60	58	56	54
18						100	94	89	84	80	76	73	70	67	64	62	59	57
19							100	94	89	85	81	77	74	71	68	65	63	61
20								100	95	90	86	82	78	75	72	69	67	64
21									100	95	90	86	83	79	76	73	70	68
22										100	95	91	87	83	80	77	74	71
23											100	95	91	88	84	81	78	75
24												100	96	92	88	85	81	79
25													100	96	92	88	85	82
26														100	96	92	89	86
27															100	96	93	89
28																100	96	93
29																	100	96
30																		100

# Adjustment Percentage For Customer

**TABLE 3**

MILEAGE RUN	CREDIT % TO CUSTOMER						
	40,000	50,000	60,000	65,000	70,000	80,000	100,000
Under 999 Miles	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1,000 - 1,999	97.5%	98.0%	98.3%	98.46%	98.6%	98.8%	99.0%
2,000 - 2,999	95.0%	96.0%	96.7%	96.92%	97.1%	97.5%	98.0%
3,000 - 3,999	92.5%	94.0%	95.0%	95.38%	95.7%	96.3%	97.0%
4,000 - 4,999	90.0%	92.0%	93.3%	93.85%	94.3%	95.0%	96.0%
5,000 - 5,999	87.5%	90.0%	91.7%	92.31%	92.9%	93.8%	95.0%
6,000 - 6,999	85.0%	88.0%	90.0%	90.77%	91.4%	92.5%	94.0%
7,000 - 7,999	82.5%	86.0%	88.3%	89.23%	90.0%	91.3%	93.0%
8,000 - 8,999	80.0%	84.0%	86.7%	87.69%	88.6%	90.0%	92.0%
9,000 - 9,999	77.5%	82.0%	85.0%	86.15%	87.1%	88.8%	91.0%
10,000 - 10,999	75.0%	80.0%	83.3%	84.62%	85.2%	87.5%	90.0%
11,000 - 11,999	72.5%	78.0%	81.7%	83.08%	84.3%	86.3%	89.0%
12,000 - 12,999	70.0%	76.0%	80.0%	81.54%	82.9%	85.0%	88.0%
13,000 - 13,999	67.5%	74.0%	78.3%	80.00%	81.4%	83.8%	87.0%
14,000 - 14,999	65.0%	72.0%	76.7%	78.46%	80.0%	82.5%	86.0%
15,000 - 15,999	62.5%	70.0%	75.0%	76.92%	78.6%	81.3%	85.0%
16,000 - 16,999	60.0%	68.0%	73.3%	75.38%	77.1%	80.0%	84.0%
17,000 - 17,999	57.5%	66.0%	71.7%	73.85%	75.7%	78.8%	83.0%
18,000 - 18,999	55.0%	64.0%	70.0%	72.31%	74.3%	77.5%	82.0%
19,000 - 19,999	52.5%	62.0%	68.3%	70.77%	72.9%	76.3%	81.0%
20,000 - 20,999	50.0%	60.0%	66.7%	69.23%	71.4%	75.0%	80.0%
21,000 - 21,999	47.5%	58.0%	65.0%	67.69%	70.0%	73.8%	79.0%
22,000 - 22,999	45.0%	56.0%	63.3%	66.15%	68.6%	72.5%	78.0%
23,000 - 23,999	42.5%	54.0%	61.7%	64.62%	67.1%	71.3%	77.0%
24,000 - 24,999	40.0%	52.0%	60.0%	63.08%	65.7%	70.0%	76.0%
25,000 - 25,999	37.5%	50.0%	58.3%	61.54%	64.3%	68.8%	75.0%
26,000 - 26,999	35.0%	48.0%	56.7%	60.00%	62.9%	67.5%	74.0%
27,000 - 27,999	32.5%	46.0%	55.0%	58.46%	61.4%	66.3%	73.0%
28,000 - 28,999	30.0%	44.0%	53.3%	56.92%	60.0%	65.0%	72.0%
29,000 - 29,999	27.5%	42.0%	51.7%	55.38%	58.6%	63.8%	71.0%
30,000 - 30,999	25.0%	40.0%	50.0%	53.85%	57.1%	62.5%	70.0%
31,000 - 31,999	22.5%	38.0%	48.3%	52.31%	55.7%	61.3%	69.0%
32,000 - 32,999	20.0%	36.0%	46.7%	50.77%	54.3%	60.0%	68.0%
33,000 - 33,999	17.5%	34.0%	45.0%	49.23%	52.9%	58.8%	67.0%
34,000 - 34,999	15.0%	32.0%	43.3%	47.69%	51.4%	57.5%	66.0%
35,000 - 35,999	12.5%	30.0%	41.7%	46.15%	50.0%	56.3%	65.0%
36,000 - 36,999	10.0%	28.0%	40.0%	44.62%	48.6%	55.0%	64.0%
37,000 - 37,999	7.5%	26.0%	38.3%	43.08%	47.1%	53.8%	63.0%
38,000 - 38,999	5.0%	24.0%	36.7%	41.54%	45.7%	52.5%	62.0%
39,000 - 39,999	2.5%	22.0%	35.0%	40.00%	44.3%	51.3%	61.0%
40,000 - 40,999	0.0%	20.0%	33.3%	38.46%	42.9%	50.0%	60.0%
41,000 - 41,999		18.0%	31.7%	36.92%	41.4%	48.8%	59.0%
42,000 - 42,999		16.0%	30.0%	35.38%	40.0%	47.5%	58.0%
43,000 - 43,999		14.0%	28.3%	33.85%	38.6%	46.3%	57.0%
44,000 - 44,999		12.0%	26.7%	32.31%	37.1%	45.0%	56.0%
45,000 - 45,999		10.0%	25.0%	30.77%	35.7%	43.8%	55.0%
46,000 - 46,999		8.0%	23.3%	29.23%	34.3%	42.5%	54.0%
47,000 - 47,999		6.0%	21.7%	27.69%	32.9%	41.3%	53.0%
48,000 - 48,999		4.0%	20.0%	26.15%	31.4%	40.0%	52.0%
49,000 - 49,999		2.0%	18.3%	24.62%	30.0%	38.8%	51.0%
50,000 - 50,999		0.0%	16.7%	23.08%	28.6%	37.5%	50.0%
51,000 - 51,999			15.0%	21.54%	27.1%	36.3%	49.0%
52,000 - 52,999			13.3%	20.00%	25.7%	35.0%	48.0%

# Adjustment Percentage For Customer

## BASED ON MILEAGE RUN FOR MILEAGE WARRANTY TIRE

TABLE 3							
MILEAGE RUN	CREDIT % TO CUSTOMER						
	40,000	50,000	60,000	65,000	70,000	80,000	100,000
53,000 - 53,999			11.7%	18.46%	24.3%	33.8%	47.0%
54,000 - 54,999			10.0%	16.92%	22.9%	32.5%	46.0%
55,000 - 55,999			8.3%	15.38%	21.4%	31.3%	45.0%
56,000 - 56,999			6.7%	13.85%	20.0%	30.0%	44.0%
57,000 - 57,999			5.0%	12.31%	18.6%	28.8%	43.0%
58,000 - 58,999			3.3%	10.77%	17.1%	27.5%	42.0%
59,000 - 59,999			1.7%	9.23%	15.7%	26.3%	41.0%
60,000 - 69,000			0.0%	7.69%	14.3%	25.0%	40.0%
61,000 - 61,999				6.15%	12.9%	23.8%	39.0%
62,000 - 62,999				4.62%	11.4%	22.5%	38.0%
63,000 - 63,999				3.08%	10.0%	21.3%	37.0%
64,000 - 64,999				1.54%	8.6%	20.0%	36.0%
65,000 - 65,999				0.00%	7.1%	18.8%	35.0%
66,000 - 66,999					5.7%	17.5%	34.0%
67,000 - 67,999					4.3%	16.3%	33.0%
68,000 - 68,999					2.9%	15.0%	32.0%
69,000 - 69,999					1.4%	13.8%	31.0%
70,000 - 70,999					0.0%	12.5%	30.0%
71,000 - 71,999						11.3%	29.0%
72,000 - 72,999						10.0%	28.0%
73,000 - 73,999						8.8%	27.0%
74,000 - 74,999						7.5%	26.0%
75,000 - 75,999						6.3%	25.0%
76,000 - 76,999						5.0%	24.0%
77,000 - 77,999						3.8%	23.0%
78,000 - 78,999						2.5%	22.0%
79,000 - 79,999						1.3%	21.0%
80,000 - 89,999						0.0%	20.0%
81,000 - 81,999							19.0%
82,000 - 82,999							18.0%
83,000 - 83,999							17.0%
84,000 - 84,999							16.0%
85,000 - 85,999							15.0%
86,000 - 86,999							14.0%
87,000 - 87,999							13.0%
88,000 - 88,999							12.0%
89,000 - 89,999							11.0%
90,000 - 90,999							10.0%
91,000 - 91,999							9.0%
92,000 - 92,999							8.0%
93,000 - 93,999							7.0%
94,000 - 94,999							6.0%
95,000 - 95,999							5.0%
96,000 - 96,999							4.0%
97,000 - 97,999							3.0%
98,000 - 98,999							2.0%
99,000 - 99,999							1.0%
1000,000 & Over							0.0%

### Adjustment Credit for Treadwear Warranty

• **To Customer** : Customer must submit the worn-out tire, warranty registration card and verification card. The adjustment credit to the customer for a replacement tire will be calculated by dividing the difference between warranted miles and actual mileage run by warranted miles (see table 3) and then multiplying by the predetermined adjustment price. Mounting and balancing costs and applicable taxes must be paid by the customer. Fill out adjustment form as per instructions.

• **To Dealer** : The dealer credit amount will be calculated by the following formula:

$$*C = \frac{\text{Warranted Miles} - \text{Actual Mileage Run}}{\text{Warrant Miles}} \times P$$

**C** : Credit Amount      **P** : The Predetermined Adjustment Price



# Load Inflation Pressure Tables

Wide Base, Tubeless											
Tire size Tire Designation		The Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (The pressure is minimum for the load)									
		80	85	90	95	100	105	110	120	130	
385/65R22.5	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	10600	11000	11400	11700	12300(L)	

Tube Type												
Tire size Tire Designation		The Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (The pressure is minimum for the load)										
		80	85	90	95	100	105	110	115	120	125	130
7.50R15TR	D	2460	2550	2640	2755(E)	2865	2975	3085(F)				
	S	2580	2690	2800	2910(E)	3040	3170	3305(F)				
8.25R15TR	D	2930	3040	3150	3260	3360	3470	3570(G)				
14PR	S	3080	3200	3340	3470	3590	3720	3830	3960	4070(G)		
8.25R15TR*	D				4080	4215	4340	4465	4590	4710	4830(J)	
	S				4125	4275	4420	4565	4700	4835	4970(J)	
10.00R15TR	D	3980	4130	4300	4470(G)	4640	4805(G)	4990	5175	5355(H)	5435(J)	
	S	4170	4370	4540(F)	4715	4890	5070(G)	5270	5470	5670(H)	5905(J)	
8.25R20	D	3550(E)	3690	3820	3950(F)	4070	4200	4320(G)				
	S	3730	3890	4050(E)	4210	4350	4500(F)	4640	4790	4920(G)		
9.00R20	D	4200	4360	4520(F)	4670	4820	4970(G)					
	S	4410	4610(E)	4790	4970	5150(F)	5320	5490	5670(G)			
10.00R20	D	4760	4950	5205	5415(G)	5625	5840(G)	5895	5950	6005(H)		
	S	4990	5220	5510(F)	5730	5950	6175	6320	6465	6610(H)		
10.00R22	D	5070	5260	5510	5675(G)	5840	6005(G)	6205(H)	6405	6610(H)		
	S	5310	5550	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)		
11.00R20	D	5190	5390	5675(F)	5785	5895	6005	6265	6525	6780(H)		
	S	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)		
11.00R22	D	5520	5730	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)		
	S	5790	6040	6395(F)	6650	6910	7160(G)	7380	7600	7830(H)		
12.00R20	D	5910	6140	6360	6610(G)	6790	6970	7160(H)	7390	7610(J)		
	S	6200	6480	6740	7160(G)	7380	7600	7830(H)	8050	8270(J)		
12.00R24	D	6650	6910	7160	7390(G)	7610	7830	8050(H)	8300	8540(V)		
	S	6980	7280	7580	8050(G)	8310	8570	8820(H)	9100	9370		
13/80R20	D			6315	6535	6745	6955	7165(J)				
	S			7085	7340	7570	7815	8045(J)				
14/80R20	S			7595	7860	8110	8365	8610	8850	9095(J)		

Tubeless												
Tire size Tire Designation		The Load Limits (lbs.) at Various Cold Inflation Pressures (psi) (The pressure is minimum for the load)										
		80	85	90	95	100	105	110	115	120	125	130
8R19.5	D	2610	2755	2865	2975	3085	3195	3305				
	S	2835	2955	3075	3195	3305	3415	3525				
215/75R17.5	D	3198	3350	3500	3648	3798	3945	4095	4245	4393	4540	
	S	3375	3540	3695	3860	4010	4180	4330	4495	4650	4805	
235/75R17.5	D	3970	4170	4365	4555	4745	4935	5125	5310	5495	5675	
	S	4200	4410	4615	4820	5025	5225	5420	5620	5810	6005	
245/70R17.5	D	3970	4170	4365	4555	4745	4935	5125	5310	5495	5675	
	S	4200	4410	4615	4820	5025	5225	5420	5620	5810	6005	
10R22.5	D	4230	4410	4585(F)	4760	4940(F)	5075(G)	5210	5355			
	S	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)			
11R22.5	D	4760(F)	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)		
	S	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)		
11R24.5	D	5070	5260	5510	5675	5840	6005(G)	6205	6405	6610(H)		
	S	5310	5550	5840	6095	6350	6610(G)	6790	6970	7160		
12R22.5	D	5190	5390	5675(F)	5785	5895	6005(G)	6265(H)	6525	6780(H)		
	S	5450	5690	6005	6205	6405	6610	6870	7130	7390(H)		
225/70R19.5	D	3000(E)	3115	3245	3415(F)	3490	3615	3750(G)				
	S	3195(E)	3315	3450	3640(F)	3715	3845	3970(G)				
245/70R19.5	D	3415	3515	3655	3860(F)	3940	4075	4300(G)	4345	4540(H)		
	S	3640	3740	3890	4080(F)	4190	4335	4540(G)	4620	4805(H)		
265/70R19.5	D	3750	3930	4095	4300	4405	4415	4675(G)				
	S	3970	4180	4355	4540	4685	4850	5070(G)				
285/70R19.5	D				4850	5070	5290	5435	5555	6575(H)		
	S				5160	5395	5635	5785	5980	6175(H)		
245/75R22.5	D	3640	3615	3765	3970	4055(G)						
	S	3860	3975	4140	4300	4455	4610	4675(G)				
265/75R22.5	D	3860	4040	4205	4410	4525	4685	4805(G)				
	S	4300	4440	4620	4805	4975	5150	5205(G)				
255/70R22.5	D	3970	4110	4275	4410	4455	4610	4675(G)	4915	5070(H)		
	S	4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)		
275/70R22.5	D	4190	4410	4685	4905	5115	5400	5610	5895	6105	6395(H)	
	S	4550	4785	5095	5325	5555	5865	6095	6405	6635	6940(H)	
295/75R22.5	D	4540	4690	4885	5070(F)	5260	5440	5675(G)	5795	6005(H)		
	S	4940	5155	5370	5510(F)	5780	5980	6175(G)	6370	6610(H)		
315/80R22.5*	D	5535	5750	5960	6165	6370	6570	6770	6965	7160(J)	8025	8225(L)
	S	6225	6495	6760	7020	7280	7530	7780	8025	8270(J)	8275	9000(L)
315/80R22.5* 22PR	D		6140	6360	6645	6855	7065	7330	7540	7805	7935	8255(M)
	S		7450	7705	8045	8300	8555	8885	9125	9445	9610	10000(M)
285/75R24.5	D	4540	4740	4930	5205(F)	5310	5495	5675(G)	5860	6175(H)		
	S	4940	5210	5420	5675(F)	5835	6040	6175(G)	6440	6780(H)		

\*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.

