

Starfire
TIRES

— 2024 —
DATA BOOK



GOODYEAR FAMILY OF BRANDS

GOODYEAR

COOPER
TIRES

KELLY  **TIRES**


Mastercraft
TIRES

Starfire
TIRES

 **DUNLOP**
TIRES

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DRIVE GROWTH THROUGH PRODUCT SCREEN OPTIMIZATION

	COMMUTER TOURING		PERFORMANCE			ALL-TERRAIN			WINTER			
	TOURING	ALL WEATHER	SPORT TOURING	ULTRA HIGH	SUMMER	ON-ROAD	ON-/OFF-ROAD	OFF-ROAD	EXTREME OFF-ROAD	PERFORMANCE	COMMUTER TOURING	SUV/LIGHT TRUCK
PREMIUM	Assurance MaxTire®											
	Assurance ComfortDrive®	Assurance WeatherReady® 2 ^{NEW}	FootReady® ^{NEW}	Eagle Exhilarate®	Eagle® F1 SuperCar® 3R	Wrangler® Steadfast HT™	Wrangler® All-Terrain Adventure with Kevlar®	Wrangler® Duratrac® RT ^{NEW}	Wrangler® Boulder MT® ^{NEW}	Ultra Grip® 3 ^{NEW}	WinterCommand® Ultra	
MID-UPPER	ProControl®	Discoverer® EnduraMax®										
	Assurance® All Season		Eagle® Sport All-Season			Wrangler® Workhorse® HT	Wrangler® Workhorse® AT	Discoverer® RT ^{NEW}	Discoverer® S/T Max™		Winter Maxx® 2	Winter Maxx® S18
			Eagle® LS-2			Discoverer® HT3™	Discoverer® HT™	Discoverer® RT ^{NEW}	Evolution® MT™	Ultra Grip® Series	Discoverer® True North™	Discoverer® Snow Claw™
MID-LOWER												
			Cobra® Radial 6/T™			Edge® HT	Edge AT®					
			Avenge® 6/T™*			Courser HXT™*	Courser Trail HD™*				Glacier Trax™*	Glacier MSR™*
ECONOMY												
OE												

Relative position of products on chart are not reflective of price positioning. ^{NEW} Represents products launched in the second half of 2023 and anticipated 2024 product launches. * Mastercraft brand not sold in Canada. ** Available in Canada only.



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GOODYEAR FAMILY OF BRANDS



COMMUTER TOURING



Solarus AS™

PERFORMANCE



WR™

ALL-TERRAIN



Solarus HT™



Solarus AP™

WINTER
(Canada Only)



RS-W 5.0™



RS-W 7.0™

Starfire® Tire Selector Chart

	Commuter Touring	Performance	All-Terrain		Winter*	
	Solarus AS	WR	Solarus HT	Solarus AP	RS-W 5.0	RS-W 7.0
175/65R14	H					
175/70R14					T	
185/60R14	H				T	
185/65R14	H				T	
185/70R14	H					
195/70R14	T					
185/60R15	H				T	
185/65R15	H				T	
195/55R15					T	
195/60R15	H				T	
195/65R15	H				T	
205/60R15	H					
205/65R15	H				T	
205/70R15	T					
205/75R15	T					
215/60R15	H					
215/65R15	H					
215/70R15	T					
215/75R15	T					
235/75R15	T		T	T		
205/50R16		W				
205/55R16	V	W			T	
205/60R16	H				T	
205/65R16	H					
215/55R16	H	W			T	
215/60R16	T,V				T	
215/65R16	H				T	
215/70R16	T					
225/50R16		W				
225/55R16		W			T	
225/60R16	H				T	
225/65R16	T					
225/70R16	T					T
225/75R16			T			
235/60R16	T					T
235/65R16	T					
235/70R16			T	T		T
245/50R16		W				
245/70R16			T			T
245/75R16			T	T		
255/70R16			T			
265/70R16			T	T		
265/75R16			T	T		
205/50R17		W				
215/45R17		W				
215/50R17	V					
215/55R17	V				T	
215/60R17	T					T
215/65R17	T					
225/45R17		W				
225/50R17	V	W			T	
225/55R17	V				T	
225/60R17	H				T	
225/65R17	H				T	T

	Commuter Touring	Performance	All-Terrain		Winter*	
	Solarus AS	WR	Solarus HT	Solarus AP	RS-W 5.0	RS-W 7.0
235/45R17		W			T	
235/55R17	H	W				T
235/60R17	H					
235/65R17	T					T
245/40R17		W				
245/45R17		W			T	
245/65R17	T		T	T		
245/70R17			T	T		
255/70R17			T			
265/65R17			T			T
265/70R17			T	T		
215/45R18		W				
215/55R18						T
225/40R18		W				
225/45R18	V	W			T	
225/55R18	H					T
225/60R18	H					T
235/40R18		W				
235/45R18	V				T	
235/50R18	V	W				T
235/55R18	V					T
235/60R18	H				T	
235/65R18			T			
245/40R18		W				
245/45R18		W			T	
245/50R18					T	
245/60R18			H			
255/45R18					T	
255/55R18						T
255/65R18			T			
255/70R18			T			
265/60R18			T			T
265/65R18			T	T		
275/65R18			T	T		
245/55R19			T			T
245/50R20			H			
255/50R20			H			
265/50R20				T		
275/55R20			H	H		
275/60R20			T	T		
LT235/75R15				C		
31X10.50R15LT				C		
LT215/85R16			E			
LT225/75R16			E	E		
LT235/85R16			E	E		
LT245/75R16			E	E		
LT265/75R16			E	E		
LT235/80R17			E	E		
LT245/70R17				E		
LT245/75R17			E	E		
LT265/70R17			E	E		
LT285/70R17				E		
LT275/65R18				E		
LT275/70R18				E		

*Starfire Winter tires are available in Canada only.
Size chart includes active products only as of February 2024



Solarus AS™

LIMITED TREADWEAR WARRANTY*
50,000 MILE / 80,000 KM TREADWEAR WARRANTY*
ALL-SEASON TIRE

The Solarus AS™ is designed for all-season driving for the value oriented consumer.

Fitments:

Passenger Vehicles

ALL-SEASON TREAD DESIGN

The tread compound and tread profile are re-designed to provide traction in wet and dry conditions.

SHOULDER CONTROL TECHNOLOGY

Deep slots, biting edges, and good traction, on the shoulder of tire help provide excellent traction and stability throughout the life of the tire.

SOLID CENTER RIB

Helps provide a smooth ride and controlled handling.

VARIABLE PITCH TREAD

Designed to help reduce sound, the different sized elements work to provide a quiet-running tire at highway speeds.

ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.

Use the information on the vehicle placard and vehicle owner's manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Goodyear reserves the right to change and improve construction, materials or specifications without notice or obligation.

*All tires include Nationwide Warranty Service and Online Tire Registration.

Nationwide Warranty Service Link: https://www.coopertire.com/en_US/support/tire-warranty.html

Online Tire Registration Link: https://www.coopertire.com/en_US/support/register-tires.html



WR[™]

LIMITED TREADWEAR WARRANTY*
40,000 MILE / 64,000 KM TREADWEAR WARRANTY
ALL-SEASON TIRE

The WR[™] is an entry level all-season performance tire with modern tread design and stylized sidewall. This car tire is constructed to give the customer a responsive and comfortable ride at an affordable price.

Popular Fitments:

Mustang, Civic, Golf, GTI**

ADVANCED TREAD PATTERN

Advanced tread pattern designed to sustain tire performance with even wear, less noise and increased overall tread life. The outside of the tread is tuned for dry handling and traction while the inside is optimized for wet conditions.

HYDROPLANE RESISTANCE

Four wide grooves help provide grip in wet conditions.

SILICA-INFUSED TREAD COMPOUND

The tread compound of the Starfire WR[™] is infused with silica. The silica, in conjunction with the tread design features, helps provide balanced performance.

VARIABLE PITCH TREAD

Computer designed to help provide a quiet-running tire at highway speeds.

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WR™

Starfire™
TIRES

SPORT PERFORMANCE

Size	Service Description	Load Range	Sidewall	Product Code	Material Number	Approved Rim Widths (Inches)	Measuring Rim Width (Inches)	Section Width (Inches)	Overall Diameter (Inches)	Max Load (Lbs)	Tread Depth (in 32nds)	Revs / Mile	UTQG
WR													
205/50R16	87W	SL	BLK	162066002	245449	5.5 - 7.5	6.5	8.4	24.1	1201	10	859	380 A A
205/55R16	94W	XL	BLK	162046002	245469	5.5 - 7.5	6.5	8.4	24.9	1477	10	833	380 A A
215/55R16	93W	SL	BLK	162047002	245470	6.0 - 7.5	7.0	8.9	25.3	1433	10	820	380 A A
225/50R16	92W	SL	BLK	162048002	245471	6.0 - 8.0	7.0	9.2	24.9	1389	10	832	380 A A
225/55R16	95W	SL	BLK	162049002	245472	6.0 - 8.0	7.0	9.2	25.8	1521	10	805	380 A A
245/50R16	97W	SL	BLK	162044002	245428	7.0 - 8.5	7.5	10.0	25.7	1609	10	806	380 A A
205/50R17	93W	XL	BLK	162055002	245478	5.5 - 7.5	6.5	8.4	25.1	1433	10	825	380 A A
215/45R17	91W	XL	BLK	162051002	245474	7.0 - 8.0	7.0	8.4	24.7	1356	10	841	380 A A
225/45R17	94W	XL	BLK	162052002	245475	7.0 - 8.5	7.5	8.9	25.0	1477	10	829	380 A A
225/50R17	98W	XL	BLK	162056002	245479	6.0 - 8.0	7.0	9.2	25.9	1653	10	800	380 A A
235/45R17	94W	SL	BLK	162053002	245476	7.5 - 9.0	8.0	9.3	25.4	1477	10	816	380 A A
235/55R17	99W	SL	BLK	162057002	245480	6.5 - 8.5	7.5	9.6	27.2	1709	10	763	380 A A
245/40R17	91W	SL	BLK	162050002	245473	8.0 - 9.5	8.5	9.8	24.8	1356	10	837	380 A A
245/45R17	95W	SL	BLK	162054002	245477	7.5 - 9.0	8.0	9.6	25.8	1521	10	805	380 A A
215/45R18	93W	XL	BLK	162061002	245446	7.0 - 8.0	7.0	8.4	25.7	1433	10	808	380 A A
225/40R18	92W	XL	BLK	162058002	245481	7.5 - 9.0	8.0	9.1	25.1	1389	10	825	380 A A
225/45R18	95W	XL	BLK	162062002	245445	7.0 - 8.5	7.5	8.9	26.0	1521	10	798	380 A A
235/40R18	95W	XL	BLK	162059002	245482	8.0 - 9.5	8.5	9.5	25.4	1521	10	816	380 A A
235/50R18	97W	SL	BLK	162065002	245448	6.5 - 8.5	7.5	9.6	27.3	1609	10	760	380 A A
245/40R18	97W	XL	BLK	162060002	245444	8.0 - 9.5	8.5	9.8	25.8	1609	10	805	380 A A
245/45R18	96W	SL	BLK	162063002	245447	7.5 - 9.0	8.0	9.5	26.7	1565	10	776	380 A A

Do not attempt to mount 16" rim diameter tires on 16.5" rim diameter wheels; this may result in serious injury or death.



Solarus HT™

LIMITED TREADWEAR WARRANTY*
50,000 MILE / 80,000 KM TREADWEAR WARRANTY*

Designed to promote even treadwear and a quiet ride. This all-season tire comes in an array of sizes to fit pickup trucks and SUV's.

Popular Fitments:

Pilot, Yukon, Sequoia and many Pickup Trucks**

EVEN WEAR TREAD PATTERN

The ribbed tread pattern helps promote even wear to help extend the life of your tire.

WET GRIP GROOVES

Four circumferential grooves expel water from the tire to help provide wet traction and resistance to hydroplaning.

TRACTION SIPES

Full-depth biting edges or "sipes" inserted throughout the tread design help provide traction in wet conditions.

NOISE DAMPENING GROOVES

Grooves narrow between tread blocks limiting airflow to provide a quieter ride.

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Online Tire Registration Link: https://www.coopertire.com/en_US/support/register-tires.html



Solarus HT™



ON-ROAD

Size	Service Description	Load Range	Sidewall	Product Code	Material Number	Approved Rim Widths (Inches)	Measuring Rim Width (Inches)	Section Width (Inches)	Overall Diameter (Inches)	Max Load (Lbs)	Tread Depth (in 32nds)	Revs / Mile	UTQG
Solarus HT													
235/75R15	109T	XL	BLK	165010001	244814	6.0 - 8.0	6.5	9.3	28.6	2271	10	724	500 A B
225/75R16	104T	SL	BLK	165015001	244819	6.0 - 7.5	6.0	8.7	29.0	1984	10	716	500 A B
235/70R16	106T	SL	BLK	165011001	244815	6.0 - 8.0	7.0	9.4	28.7	2094	10	721	500 A B
245/70R16	107T	SL	BLK	165012001	244816	6.5 - 8.0	7.0	9.8	29.3	2149	10	707	500 A B
245/75R16	111T	SL	BLK	165016001	244820	6.5 - 8.0	7.0	9.8	30.2	2403	10	687	500 A B
255/70R16	111T	SL	BLK	165013001	244817	6.5 - 8.5	7.5	10.3	29.8	2403	10	696	500 A B
265/70R16	112T	SL	BLK	165014001	244818	7.0 - 9.0	8.0	10.8	30.2	2469	10	686	500 A B
265/75R16	116T	SL	BLK	165017001	244831	7.0 - 9.0	7.5	10.6	31.3	2756	10	662	500 A B
245/65R17	107T	SL	BLK	165018001	244832	7.0 - 8.5	7.0	9.6	29.5	2149	10	703	500 A B
245/70R17	110T	SL	BLK	165020001	244834	6.5 - 8.0	7.0	10.2	30.2	2337	10	686	500 A B
255/70R17	112T	SL	BLK	165026001	246525	6.5 - 8.5	7.5	10.2	31.1	2469	10	667	500 A B
265/65R17	112T	SL	BLK	165019001	244833	7.5 - 9.5	8.0	10.6	30.4	2469	10	682	500 A B
265/70R17	115T	SL	BLK	165001001	244675	7.0 - 9.0	8.0	10.6	31.3	2679	10	662	500 A B
235/65R18	106T	SL	BLK	165024001	244838	6.5 - 8.5	7.0	9.4	30.1	2094	10	689	500 A B
245/60R18	105H	SL	BLK	165002001	244676	7.0 - 8.5	7.0	9.6	29.7	2039	10	698	500 A B
255/65R18	111T	SL	BLK	165007001	244811	7.0 - 9.0	7.5	10.1	31.1	2403	10	667	500 A B
255/70R18	113T	SL	BLK	165009001	244813	6.5 - 8.5	7.5	10.2	32.1	2535	10	646	500 A B
265/60R18	110T	SL	BLK	165006001	244680	7.5 - 9.5	8.0	10.5	30.6	2337	10	679	500 A B
265/65R18	114T	SL	BLK	165008001	244812	7.5 - 9.5	8.0	10.7	31.5	2601	10	658	500 A B
275/65R18	116T	SL	BLK	165021001	244835	7.5 - 9.5	8.0	11.0	31.9	2756	10	651	500 A B
245/55R19	103T	SL	BLK	165023001	244837	7.0 - 8.5	7.5	9.8	29.7	1929	10	698	500 A B
245/50R20	102H	SL	BLK	165004001	244678	7.0 - 8.5	7.5	9.8	29.7	1874	10	698	500 A B
255/50R20	109H	XL	BLK	165005001	244679	7.0 - 9.0	8.0	10.4	30.1	2271	10	689	500 A B
275/55R20	117H	XL	BLK	165003001	244677	7.5 - 9.5	8.5	10.9	31.7	2833	10	653	500 A B
275/60R20	115T	SL	BLK	165022001	244836	7.5 - 9.5	8.0	10.9	32.9	2679	10	631	500 A B
LT215/85R16	115/112R**	E	BLK	163002001	244746	5.5 - 7.0	6.0	8.3	30.2	2680	13	687	
LT225/75R16	115/112R**	E	BLK	163001001	244805	6.0 - 7.0	6.0	8.6	29.3	2680	13	709	
LT235/85R16	120/116R**	E	BLK	163003001	244747	6.0 - 7.5	6.5	9.3	31.5	3042	13	658	
LT245/75R16	120/116S**	E	BLK	163023001	246678	6.5 - 8.0	7.0	9.6	30.3	3042	13	684	
LT265/75R16	123/120S**	E	BLK	163024001	246679	7.0 - 8.0	7.5	10.6	31.5	3415	13	658	
LT235/80R17	120/117R**	E	BLK	163006001	244821	6.0 - 7.5	6.5	9.1	31.7	3085	13	655	
LT245/75R17	121/118S**	E	BLK	163005001	244750	6.5 - 7.5	7.0	10.0	31.5	3195	13	657	
LT265/70R17	121/118R**	E	BLK	163004001	244749	7.0 - 8.5	8.0	10.9	31.5	3195	13	658	

Do not attempt to mount 16" rim diameter tires on 16.5" rim diameter wheels; this may result in serious injury or death.

NOTE: When replacing a vehicle's original equipment light truck tires with passenger car tires, the load on each replacement car tire must not exceed the maximum load stamped on the replacement car tire sidewall divided by 1.10

**Max load decreases if tire is used in a dual application. For dual max load please refer to the tire sidewall.



Solarus AP™

LIMITED TREADWEAR WARRANTY*
50,000 MILE / 80,000 KM TREADWEAR WARRANTY*

Designed and engineered for those looking for an All-Terrain product, the Solarus AP™ is a truck tire made for on-road driving with occasional dirt and gravel road situations.

Popular Fitments:

Cherokee, Frontier, Tahoe and Pickup Trucks**

ALL-PURPOSE TREAD DESIGN

Large tread blocks help enhance traction on dirt paths and farmland, while still providing strong on-road performance.

ANTI-HYDROPLANE GROOVES

Wide grooves expel water from the tire to help promote wet traction and help resist hydroplaning.

ALL-SEASON SIPES

Sipes provide additional "biting edges" to aid in grip and traction on wet conditions.

QUIET ZIG-ZAG PATTERN

Zig-Zag tread pattern disrupts air flow through tread, which helps reduce noise.

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Online Tire Registration Link: https://www.coopertire.com/en_US/support/register-tires.html



Solarus AP™



ON/OFF-ROAD

Size	Service Description	Load Range	Sidewall	Product Code	Material Number	Approved Rim Widths (Inches)	Measuring Rim Width (Inches)	Section Width (Inches)	Overall Diameter (Inches)	Max Load (Lbs)	Tread Depth (in 32nds)	Revs / Mile	UTQG
Solarus AP													
235/75R15	109T	XL	BLK	165010002	244794	6.0 - 8.0	6.5	9.3	28.6	2271	11	724	500 A B
235/70R16	106T	SL	BLK	165011002	244795	6.0 - 8.0	7.0	9.4	28.7	2094	11	721	500 A B
245/75R16	111T	SL	BLK	165016002	244797	6.5 - 8.0	7.0	9.8	30.2	2403	11	687	500 A B
265/70R16	112T	SL	BLK	165014002	244796	7.0 - 9.0	8.0	10.8	30.2	2469	11	686	500 A B
265/75R16	116T	SL	BLK	165017002	244798	7.0 - 9.0	7.5	10.6	31.3	2756	11	662	500 A B
245/65R17	107T	SL	BLK	165018002	244799	7.0 - 8.5	7.0	9.6	29.5	2149	11	703	500 A B
245/70R17	110T	SL	BLK	165020002	244800	6.5 - 8.0	7.0	10.2	30.2	2337	11	686	500 A B
265/70R17	115T	SL	BLK	165001002	244800	7.0 - 9.0	8.0	10.6	31.3	2679	11	662	500 A B
265/65R18	114T	SL	BLK	165008002	244862	7.5 - 9.5	8.0	10.7	31.5	2601	11	658	500 A B
275/65R18	116T	SL	BLK	165021002	244881	7.5 - 9.5	8.0	11.0	31.9	2756	11	651	500 A B
265/50R20	107T	SL	BLK	165025002	244883	7.5 - 9.5	8.5	10.9	30.5	2149	11	680	500 A B
275/55R20	117H	XL	BLK	165003002	244840	7.5 - 9.5	8.5	10.9	31.7	2833	11	653	500 A B
275/60R20	115T	SL	BLK	165022002	244882	7.5 - 9.5	8.0	10.9	32.9	2679	11	631	500 A B
LT235/75R15	104/101R**	C	BLK	163019002	245496	6.0 - 7.0	6.5	9.3	28.9	1985	14	718	
31X10.50R15LT	109R	C	BLK	163018002	245431	7.0 - 9.0	8.5	10.6	30.5	2270	14	680	
LT225/75R16	115/112R**	E	BLK	163008002	244824	6.0 - 7.0	6.0	8.8	29.3	2680	14	708	
LT235/85R16	120/116R**	E	BLK	163009002	244825	6.0 - 7.5	6.5	9.3	31.7	3042	14	653	
LT245/75R16	120/116S**	E	BLK	163027002	246684	6.5 - 8.0	7.0	9.8	30.5	3042	14	680	
LT265/75R16	123/120S**	E	BLK	163028002	246685	7.0 - 8.0	7.5	10.5	31.7	3415	14	655	
LT235/80R17	120/117R**	E	BLK	163016002	244854	6.0 - 7.5	6.5	9.3	31.8	3085	14	652	
LT245/70R17	119/116S**	E	BLK	163014002	244852	6.5 - 8.0	7.0	9.8	30.6	3000	14	679	
LT245/75R17	121/118S**	E	BLK	163011002	244828	6.5 - 7.5	7.0	9.8	31.5	3195	14	658	
LT265/70R17	121/118R**	E	BLK	163010002	244827	7.0 - 8.5	8.0	10.7	31.7	3195	14	655	
LT285/70R17	121/118S**	E	BLK	163017002	244855	7.5 - 9.0	8.5	11.5	32.8	3195	14	633	
LT275/65R18	123/120S**	E	BLK	163013002	244851	7.5 - 9.0	8.0	11.0	32.1	3415	14	646	
LT275/70R18	125/122S**	E	BLK	163012002	244830	7.0 - 8.5	8.0	11.0	33.2	3640	14	625	

Do not attempt to mount 16" rim diameter tires on 16.5" rim diameter wheels; this may result in serious injury or death.

NOTE: When replacing a vehicle's original equipment light truck tires with passenger car tires, the load on each replacement car tire must not exceed the maximum load stamped on the replacement car tire sidewall divided by 1.10

**Max load decreases if tire is used in a dual application. For dual max load please refer to the tire sidewall.



RS-W 5.0™ AVAILABLE IN CANADA ONLY

LIMITED TREADWEAR WARRANTY*
ASYMMETRICAL WINTER
SEVERE SNOW DESIGNATION†
STUDLESS



The RS-W 5.0™ is a studless winter product ideally suited for the value-oriented consumer with commutes on highways or in metro areas. This tire bears the 3-Peak Mountain Snowflake designation, meaning it meets the industry standard for winter traction.

Popular Fitments:

Corolla, Prius and Accord**

HIGH DENSITY SIPING

Many edges, or "sipes", in the tread of this tire allow it to bite in the snow to deliver exceptional grip and traction.

FLEXIBLE TREAD COMPOUND

The specially formulated soft tread compound allows the tread blocks to remain flexible at cold temperatures to help provide traction and grip, even on cold winter days.

TEXTURED TREAD SURFACE

A textured tread surface with fine raised lines helps provide extra traction and grip.

ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.

Use the information on the vehicle placard and vehicle owner's manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Goodyear reserves the right to change and improve construction, materials or specifications without notice or obligation.

*All tires include Nationwide Warranty Service and Online Tire Registration.

Nationwide Warranty Service Link: https://www.coopertire.com/en_US/support/tire-warranty.html

Online Tire Registration Link: https://www.coopertire.com/en_US/support/register-tires.html

† The Three-Peak Mountain Snowflake Designation located on the sidewall of a tire indicates a tire that meets a snow traction standard set by FMVSS (Federal Motor Vehicle Safety Standards).



RS-W 5.0™ AVAILABLE IN CANADA ONLY



WINTER AUTO

Size	Service Description	Load Range	Sidewall	Product Code	Material Number	Approved Rim Widths (Inches)	Measuring Rim Width (Inches)	Section Width (Inches)	Overall Diameter (Inches)	Max Load (Lbs)	Tread Depth (in 32nds)	Revs / Mile
RS-W 5.0												
175/70R14	84T	SL	BLK	162087006	248704	4.5 - 6.0	5.0	7.0	23.7	1102	10	875
185/60R14	82T	SL	BLK	162079006	248235	5.0 - 6.5	5.5	7.4	22.8	1047	10	911
185/65R14	86T	SL	BLK	162084006	248703	5.0 - 6.5	5.5	7.4	23.5	1168	10	884
185/60R15	84T	SL	BLK	162086006	248705	5.0 - 6.5	5.5	7.5	23.9	1102	10	868
185/65R15	88T	SL	BLK	162091006	248707	5.0 - 6.5	5.5	7.4	24.5	1235	10	848
195/55R15	85T	SL	BLK	162123006	248702	5.5 - 7.0	6.0	7.9	23.4	1135	10	885
195/60R15	88T	SL	BLK	162088006	248706	5.5 - 7.0	6.0	8.0	24.4	1235	11	849
195/65R15	91T	SL	BLK	162092006	248708	5.5 - 7.0	6.0	7.9	24.9	1356	11	833
205/65R15	94T	SL	BLK	162096006	248712	5.5 - 7.5	6.0	8.2	25.5	1477	10	814
205/55R16	91T	SL	BLK	162094006	248709	5.5 - 7.5	6.5	8.2	24.9	1356	11	833
205/60R16	92T	SL	BLK	162097006	248715	5.5 - 7.5	6.0	8.1	25.8	1389	10	804
215/55R16	93T	SL	BLK	162124006	248710	6.0 - 7.5	7.0	8.9	25.3	1433	10	820
215/60R16	95T	SL	BLK	162013006	248718	6.0 - 7.5	6.5	8.7	26.0	1521	11	797
215/65R16	98T	SL	BLK	162101006	248724	6.0 - 7.5	6.5	8.6	27.0	1653	10	768
225/55R16	95T	SL	BLK	162127006	248714	6.0 - 8.0	7.0	9.2	25.8	1521	10	805
225/60R16	98T	SL	BLK	162100006	248721	6.0 - 8.0	6.5	9.0	26.6	1653	10	779
215/55R17	94T	SL	BLK	162130006	248719	6.0 - 7.5	7.0	8.7	26.3	1477	11	787
225/50R17	94T	SL	BLK	162129006	248717	6.0 - 8.0	7.0	8.9	26.0	1477	11	798
225/55R17	97T	SL	BLK	162133006	248723	6.0 - 8.0	7.0	9.0	26.9	1609	10	771
225/60R17	99T	SL	BLK	162103006	248726	6.0 - 8.0	6.5	8.9	27.6	1709	10	750
225/65R17	102T	SL	BLK	162136006	248728	6.0 - 8.0	6.5	8.9	28.5	1874	10	726
235/45R17	94T	SL	BLK	162125006	248711	7.5 - 9.0	8.0	9.3	25.4	1477	10	818
245/45R17	95T	SL	BLK	162126006	248713	7.5 - 9.0	8.0	9.6	25.7	1521	10	808
225/45R18	95T	XL	BLK	162128006	248716	7.0 - 8.5	7.5	8.9	25.9	1521	10	799
235/45R18	94T	SL	BLK	162131006	248720	7.5 - 9.0	8.0	9.3	26.3	1477	10	787
235/60R18	103T	SL	BLK	162137006	248729	6.5 - 8.5	7.0	9.3	29.1	1929	10	712
245/45R18	96T	SL	BLK	162132006	248722	7.5 - 9.0	8.0	9.6	26.7	1565	10	778
245/50R18	100T	SL	BLK	162135006	248727	7.0 - 8.5	7.5	10.0	27.7	1764	10	749
255/45R18	99T	SL	BLK	162134006	248725	8.0 - 9.5	8.5	10.0	27.1	1709	10	767

Do not attempt to mount 16" rim diameter tires on 16.5" rim diameter wheels; this may result in serious injury or death.

For optimum performance, winter tires should be used in sets of four.



RS-W 7.0™ AVAILABLE IN CANADA ONLY

LIMITED TREADWEAR WARRANTY*
DIRECTIONAL WINTER
SEVERE SNOW DESIGNATION†
STUDLESS



The RS-W 7.0™ is a studless winter product ideally suited for the value-oriented pickup truck driver with commutes on highways or in metro areas. This tire bears the 3-Peak Mountain Snowflake designation, meaning it meets the industry standard for winter traction.

Popular Fitments:

Caravan, RAV4 and Escape**

HIGH DENSITY SIPING

Many edges, or "sipes", in the tread of this tire allow it to bite in the snow to deliver exceptional grip and traction.

FLEXIBLE TREAD COMPOUND

The specially formulated soft tread compound allows the tread blocks to remain flexible at cold temperatures to help provide traction and grip, even on cold winter days.

TEXTURED TREAD SURFACE

A textured tread surface with fine raised lines helps provide extra traction and grip.

ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.

Use the information on the vehicle placard and vehicle owner's manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Goodyear reserves the right to change and improve construction, materials or specifications without notice or obligation.

*All tires include Nationwide Warranty Service and Online Tire Registration.

Nationwide Warranty Service Link: https://www.coopertire.com/en_US/support/tire-warranty.html

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† The Three-Peak Mountain Snowflake Designation located on the sidewall of a tire indicates a tire that meets a snow traction standard set by FMVSS (Federal Motor Vehicle Safety Standards).



RS-W 7.0™ AVAILABLE IN CANADA ONLY



WINTER AUTO

Size	Service Description	Load Range	Sidewall	Product Code	Material Number	Approved Rim Widths (Inches)	Measuring Rim Width (Inches)	Section Width (Inches)	Overall Diameter (Inches)	Max Load (Lbs)	Tread Depth (in 32nds)	Revs / Mile
RS-W 7.0												
225/70R16	103T	SL	BLK	162074007	248736	6.0 - 7.5	6.5	9.0	28.4	1929	12	729
235/60R16	100T	SL	BLK	162075007	248236	6.5 - 8.5	7.0	9.4	27.1	1764	12	765
235/70R16	106T	SL	BLK	162145007	248739	6.0 - 8.0	7.0	9.4	29.0	2094	12	716
245/70R16	107T	SL	BLK	162149007	248742	6.5 - 8.0	7.0	9.8	29.5	2149	12	702
215/60R17	96T	SL	BLK	162017007	248730	6.0 - 7.5	6.5	8.7	27.2	1565	12	763
225/65R17	102T	SL	BLK	162143007	248737	6.0 - 8.0	6.5	9.0	28.5	1874	12	727
235/55R17	99T	SL	BLK	162138007	248731	6.5 - 8.5	7.5	9.4	27.2	1709	12	763
235/65R17	104T	SL	BLK	162001007	248741	6.5 - 8.5	7.0	9.4	29.1	1984	12	714
265/65R17	112T	SL	BLK	162152007	248745	7.5 - 9.5	8.0	10.7	30.6	2469	12	679
215/55R18	95T	SL	BLK	162139007	248732	6.0 - 7.5	7.0	8.7	27.3	1521	12	760
225/55R18	98T	SL	BLK	162141007	248734	6.0 - 8.0	7.0	9.0	27.8	1653	12	747
225/60R18	100T	SL	BLK	162144007	248738	6.0 - 8.0	6.5	9.0	28.6	1764	12	724
235/50R18	97T	SL	BLK	162140007	248733	6.5 - 8.5	7.5	9.4	27.3	1609	12	760
235/55R18	100T	SL	BLK	162142007	248735	6.5 - 8.5	7.5	9.4	28.2	1764	12	737
255/55R18	109T	XL	BLK	162148007	248740	7.0 - 9.0	8.0	10.2	29.0	2271	12	715
265/60R18	110T	SL	BLK	162151007	248744	7.5 - 9.5	8.0	10.7	30.5	2337	12	680
245/55R19	103T	SL	BLK	162150007	248743	7.0 - 8.5	7.5	9.8	29.7	1929	12	699

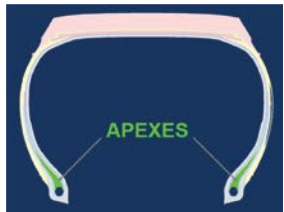
Do not attempt to mount 16" rim diameter tires on 16.5" rim diameter wheels; this may result in serious injury or death.

For optimum performance, winter tires should be used in sets of four.

TIRE FUNDAMENTALS

TIRE CONSTRUCTION

APEX: Rubber components that provide a transition from the bead area to the sidewall and add support for a balanced ride and enhanced handling.



BEAD: A round hoop of steel wires, wrapped or reinforced by steel cords, placed at the very inside of the tire's diameter to hold the tire onto the wheel rim.



BELTS: One or more rubber-coated plies (layers) of steel cord running circumferentially around the tire under the tread. They are designed to reinforce body plies, hold the tread flat on the road and resist damage from impacts and penetration. Belts also determine the tire's diameter and resist deformation and squirm from cornering, braking and centrifugal forces – which increases the tread life.

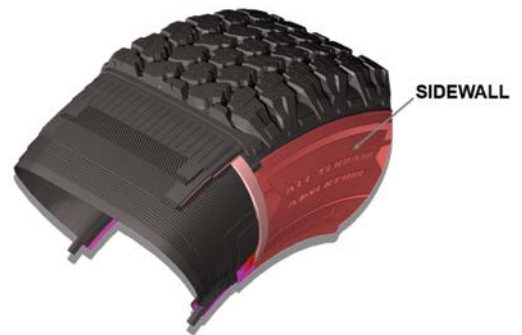
CHAFER: Abrasion-resistant rubber-coated material to help prevent the tire's beads from rim damage and chafing.

LINER OR INNER-LINER: A thin layer of rubber inside a tubeless tire that helps maintain inflation pressure in the tire.

PLY: (PLIES): A reinforcing member of a tire composed of layers of cord fabric and rubber that provide the strength to contain the air pressure needed to support a load and resist deflection. A ply extends from bead to bead and goes between the inner-liner and belts of tread.

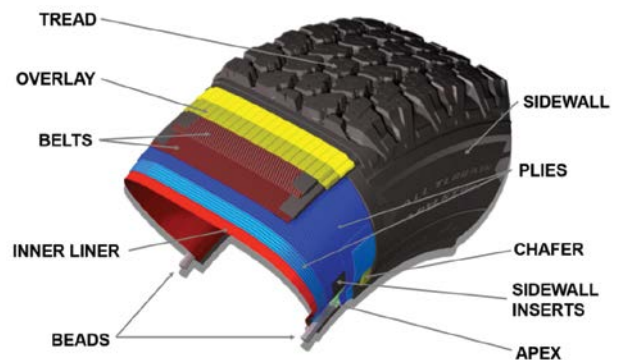


SIDEWALL: The portion of the tire between the bead and the tread. It is flexible to soak up bumps, yet stiff to limit tire rollover.



TIRE CONSTRUCTION: Term used to describe a variety of integral parts of a modern radial or bias tire.

Example tire cutaway drawing shown below. Please note: Not all tires have the same components.



TREAD DESIGN

ALL-SEASON TIRES: Tires designed to provide good traction in a wide variety of road conditions, including wet, dry, mud and snow.

ASYMMETRICAL TREAD DESIGN: The design of the tread pattern changes from one side of the tread face to the other, in order to have two or more different types of tread patterns on one tire with an intended outboard side.



DIRECTIONAL TREAD DESIGN: A tire designed to rotate in only one direction to enhance water evacuation from the contact patch.

GROOVE: The space between two adjacent tread ribs; also called tread grooves.



NON-DIRECTIONAL TREAD DESIGN: A tire designed to rotate in either direction without loss in performance.

SIPES: Small, narrow slots molded into the ribs of the tread design that increase the traction edges of the tire and increase ability of the tire on wet pavement.

SYMMETRICAL TREAD DESIGN: The tread pattern is consistent in size and shape both circumferentially around the tire and laterally across the face of the tread.

TREAD PATTERN: The arrangement of blocks, grooves, sipes and channels designed into the tread to enhance its grip. Also called the tread design.

WINTER TIRES (SNOW TIRES): A winter tire is a tire with a tread design and compound made specifically for snowy and icy conditions. Identified by M&S, M+S or M/S markings on the sidewalls. Tires designed for use in severe snow conditions are further identified with a pictograph of a mountain with a snowflake on the sidewalls and must meet specific snow performance test requirements.



WEAR INDICATOR: Narrow bands, sometimes called "wear bars," that appear across the tread when 2/32" of tread is remaining.

DOT TIRE IDENTIFICATION NUMBER: The D.O.T. tire identification number (TIN) is a code that one can find on the sidewall of all tires sold in the United States. The DOT Symbol signifies that the tire complies with the applicable U.S. Department of Transportation Federal motor vehicle safety standards. The TIN identifies the manufacturer, manufacturing plant, tire size, tire type and the week and year of manufacture. Note: the last 4 digits of the TIN are referred to as the "Date Code". For example, the date code 4018 would indicate 40th week of 2018.

LOAD CARRYING CAPACITY: The load a particular size tire can carry at a given inflation pressure under certain driving conditions, as established by the Tire and Rim Association or other standards organization.

LOAD RANGE: Tire load ranges are indicated as STANDARD LOAD (SL) and EXTRA LOAD (XL) for auto tires and Load Range C, D, E, etc., for light truck tires. The load range represents the load carrying capacity of the tire at specific tire inflation pressures.

M+S, M/S OR M & S: A tire sidewall designation indicating that the tire meets the U.S. Tire Manufacturers Association (USTMA) definition of a mud and snow tire.

SIDEWALL EXPLANATION

- | | |
|---|--|
| B01 = Broken Serrated Band | NW = Narrow White Stripe |
| B02 = Broken Serrated Band – EMT | OWL = Outlined White Letters |
| BLK = Blackwall | RWL = Raised White Letters |
| BLT = Black Letters | SBL = Serrated Black Letters |
| BSL = Black Serrated Letters | VS = Vertical Serrated Band |
| BSW = Black Sidewall | XNW = Extra Narrow White Stripe |

UTQG LEGEND

Tire Grades: Uniform Tire Quality Grading System or UTQG

Except for winter, light truck and trailer tires, the Department of Transportation requires tire manufacturers to grade passenger car tires based on three performance factors: treadwear, traction and temperature resistance. The UTQG rating of each Goodyear tire is listed in this catalog.

Treadwear

- More than 100 – Better
- 100 – Baseline
- Less than 100 – Poorer

The treadwear grade is a comparative rating based on the wear rate of the tire when tested for 7,200 miles on a government-specified course. A tire graded 200 would wear twice as long on the government-specified course as one graded 100. (Actual tire mileage may vary.) Note: Treadwear grade is valid only for comparisons within a manufacturer's product line, not between manufacturers. For example, a 700 rating from one tire manufacturer is not necessarily better than a 600 from another.

Traction

- | | |
|------|-----|
| • AA | • B |
| • A | • C |

Traction grades, from highest to lowest, are AA, A, B and C. They represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. The traction grades are based upon "straight ahead" braking tests. They do not indicate cornering ability or resistance to hydroplaning.

Temperature

- A – Best
- B – Intermediate
- C – Acceptable

Temperature grades represent the tire's resistance to heat generated by running at high speed. Sustained high temperatures can cause the materials of the tire to degenerate and thus reduce tire life. Excessive temperatures can lead to tire failure. Federal Motor Vehicle Safety Standards require that all passenger tires meet at least the minimal level of performance: Grade C.

TIRE SIZE

ASPECT RATIO: A term that describes a tire's height-to-width proportion. If a tire's sidewall height were 65% of its cross-section width, its aspect ratio would be 65. In the tire size expressed as 205/65R15, the number 65 is the aspect ratio. The lower the aspect ratio, the wider the tread and the shorter the sidewall.

HIGH FLOTATION TIRES: These light truck tires are for supporting a load on soft, yielding terrain. Size nomenclature includes outside diameter, section width, construction type, and rim diameter (e.g., 31X10.50R15LT).

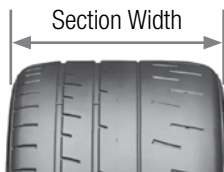
HIGH LOAD CAPACITY TIRES: These tires have increased load capacity compared to current Extra Load (XL) tires, at the same reference inflation pressure (290 kPa), and are designated with an "HL" preceding the size designation (e.g., HL245/40R19)

LT-METRIC: A sizing system using the section width in millimeters, aspect ratio, type of construction, and rim diameter in inches (e.g., LT235/85R16) and is primarily intended for service on light trucks.

P-METRIC: A tire with a "P" preceding the size designation identifies that it is primarily intended for service on passenger cars (e.g., P225/45R17).

RIM DIAMETER: The diameter of the rim bead seats that support a tire normally indicated in whole numbers in inches for passenger cars.

SECTION WIDTH: The distance between a tire's sidewalls measured at the widest part of the tire not including the lettering or design.



SERVICE DESCRIPTION: (Load Index/Speed Symbol) A speed rating system which describes the load capacity and high speed of a tire; includes numerical load indexes and alphabetical speed symbols.

ST-METRIC TRAILER: A tire with an "ST" preceding the size designation identifies that it is primarily intended for service on trailers (e.g., ST225/75R15).

SPEED RATINGS*

Speed ratings are indicated as follows:

Speed Symbol	Maximum Speed	Open-Ended Speed Category
L	120 km/h (75 mph)	
M	130 km/h (81 mph)	
N	140 km/h (87 mph)	
P	150 km/h (93 mph)	
Q	160 km/h (99 mph)	
R	170 km/h (106 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)	ZR**
Y	300 km/h (186 mph)	
(Y)**	Above 300 km/h (186 mph)	

*The Goodyear Tire & Rubber Company does not recommend the use of any of its products in excess of the legal speed limits.

**Per the T&RA 2022 yearbook, for tires having a maximum speed capability above 240 kph (149 mph), a "ZR" may appear in the size designation. For tires having a maximum speed capability above 300 kph (186 mph), a "ZR" must appear in the size designation and a Service Description, including the Y Speed Symbol, must be included in brackets.

Many Goodyear tires are available in speed-rated versions to match the speed capabilities of the world's fastest cars. Generally, it is recommended that a speed-rated tire be replaced with a tire having an equivalent or greater speed rating.

However, if you never drive at speeds near the limits of your speed-rated tires, you may choose to replace them with tires having a lesser top-speed rating.

In situations where tires having different top-speed ratings are mixed on a vehicle, the maximum speed certification is limited to the top-speed certification of the tire with the lowest speed rating.

Speed ratings do not indicate how well a tire handles or corners. They only certify a tire's ability to withstand high speed.

WARNING: Vehicle handling, traction, ride comfort and other performance parameters may be significantly affected by a change in tire size or type. Before replacing tires, always consult and follow the vehicle owner's manual because some vehicle manufacturers prohibit changing tire size. When selecting tires that are different from the original equipment size make certain: (1) The tires have adequate load-carrying capacity based on the vehicle placard, (2) The tires have sufficient inflation pressure to carry the load and (3) There is proper clearance with no interference points between the tire and vehicle. The consumer must be aware to always drive safely and obey all traffic laws. Avoid sudden, sharp turns or lane changes. Failure to follow any of these warnings may result in loss of control of the vehicle, leading to an accident and serious injury or death.

LOAD INDEX

WARNING: DO NOT OVERLOAD TIRES. OVERLOADING TIRES CAN RESULT IN TIRE FAILURE, PERSONAL INJURY AND/OR DEATH.

The load index is a numerical code associated with the maximum load a tire can carry at the speed indicated by its Speed Symbol under specified service conditions up to 210 km/h (130 mph). Check the doorjamb or owner's manual to determine the maximum vehicle load.

LOAD INDEX AND LOAD					
Load Index	Load		Load Index	Load	
	Passenger	Light Truck		Passenger	Light Truck
79	437 kg (963 lbs.)	437 kg (965 lbs.)	105	925 kg (2039 lbs.)	925 kg (2040 lbs.)
80	450 kg (992 lbs.)	450 kg (990 lbs.)	106	950 kg (2094 lbs.)	950 kg (2095 lbs.)
81	462 kg (1019 lbs.)	462 kg (1020 lbs.)	107	975 kg (2149 lbs.)	975 kg (2150 lbs.)
82	475 kg (1047 lbs.)	475 kg (1045 lbs.)	108	1000 kg (2205 lbs.)	1000 kg (2205 lbs.)
83	487 kg (1074 lbs.)	487 kg (1075 lbs.)	109	1030 kg (2271 lbs.)	1030 kg (2270 lbs.)
84	500 kg (1102 lbs.)	500 kg (1100 lbs.)	110	1060 kg (2337 lbs.)	1060 kg (2335 lbs.)
85	515 kg (1135 lbs.)	515 kg (1135 lbs.)	111	1090 kg (2403 lbs.)	1090 kg (2405 lbs.)
86	530 kg (1168 lbs.)	530 kg (1170 lbs.)	112	1120 kg (2469 lbs.)	1120 kg (2470 lbs.)
87	545 kg (1201 lbs.)	545 kg (1200 lbs.)	113	1150 kg (2535 lbs.)	1150 kg (2535 lbs.)
88	560 kg (1235 lbs.)	560 kg (1235 lbs.)	114	1180 kg (2601 lbs.)	1180 kg (2600 lbs.)
89	580 kg (1279 lbs.)	580 kg (1280 lbs.)	115	1215 kg (2679 lbs.)	1215 kg (2680 lbs.)
90	600 kg (1323 lbs.)	600 kg (1325 lbs.)	116	1250 kg (2756 lbs.)	1250 kg (2755 lbs.)
91	615 kg (1356 lbs.)	615 kg (1355 lbs.)	117	1285 kg (2833 lbs.)	1285 kg (2835 lbs.)
92	630 kg (1389 lbs.)	630 kg (1390 lbs.)	118	1320 kg (2910 lbs.)	1320 kg (2910 lbs.)
93	650 kg (1433 lbs.)	650 kg (1435 lbs.)	119	1360 kg (2998 lbs.)	1360 kg (3000 lbs.)
94	670 kg (1477 lbs.)	670 kg (1475 lbs.)	120	1400 kg (3086 lbs.)	1400 kg (3085 lbs.)
95	690 kg (1521 lbs.)	690 kg (1520 lbs.)	121		1450 kg (3195 lbs.)
96	710 kg (1565 lbs.)	710 kg (1565 lbs.)	122		1500 kg (3305 lbs.)
97	730 kg (1609 lbs.)	730 kg (1610 lbs.)	123		1550 kg (3415 lbs.)
98	750 kg (1653 lbs.)	750 kg (1655 lbs.)	124		1600 kg (3525 lbs.)
99	775 kg (1709 lbs.)	775 kg (1710 lbs.)	125		1650 kg (3640 lbs.)
100	800 kg (1764 lbs.)	800 kg (1765 lbs.)	126		1700 kg (3750 lbs.)
101	825 kg (1819 lbs.)	825 kg (1820 lbs.)	127		1750 kg (3860 lbs.)
102	850 kg (1874 lbs.)	850 kg (1875 lbs.)	128		1800 kg (3970 lbs.)
103	875 kg (1929 lbs.)	875 kg (1930 lbs.)	129		1850 kg (4080 lbs.)
104	900 kg (1984 lbs.)	900 kg (1985 lbs.)	130		1900 kg (4190 lbs.)

Note: for European-Metric passenger tires, reference "Passenger" load; for tires marked with prefixes "LT" or "ST" or suffixes "LT" or "C," reference "Light Truck" load.

WARNING: Vehicle handling, traction, ride comfort and other performance parameters may be significantly affected by a change in tire size or type. Before replacing tires, always consult and follow the vehicle owner's manual because some vehicle manufacturers prohibit changing tire size. When selecting tires that are different from the original equipment size, make certain: (1) The tires have adequate load-carrying capacity based on the vehicle placard, (2) The tires have sufficient inflation pressure to carry the load and (3) There is proper clearance with no interference points between the tire and vehicle. The consumer must be aware to always drive safely and obey all traffic laws. Avoid sudden, sharp turns or lane changes. Failure to follow any of these warnings may result in loss of control of the vehicle, leading to an accident and serious injury or death.

NEVER FIT TIRES TO A VEHICLE THAT MAY HAVE LESS LOAD-CARRYING CAPACITY THAN REQUIRED BY THE ORIGINAL EQUIPMENT MANUFACTURER.

Examples: Many vehicles, such as large passenger vans, require Load Range E tires as designated by the vehicle manufacturer. Fitment of a tire with less load-carrying capacity, such as Load Range D, is not allowed.

In other cases, tires of the same size may have different load index numbers in the service description. You must make certain the replacement tires fitted to the vehicle have a load-carrying capacity equal to or greater than what the original equipment manufacturer specifies.

NOTE: Goodyear manufactured and/or marketed European-Metric passenger tires and P-Metric passenger tires are interchangeable as long as they have the same section width, same aspect ratio, same rim diameter, and same Load Range (LL, SL or XL). Conversely, Goodyear-manufactured and/or marketed P-Metric passenger tires and European-Metric passenger tires are interchangeable as long as they have the same section width, same aspect ratio, same rim diameter, and same Load Range (LL, SL or XL).

Caution: Never substitute a "Standard Load" (SL) or "Light Load" (LL) tire for an "Extra Load" (XL) tire. If the vehicle was originally equipped with "Extra Load" (XL) tires, replace those tires with similar-sized XL tires.

Caution: In addition, never substitute a "Light Load" (LL) tire for a "Standard Load" (SL) tire. If the vehicle was originally equipped with "Standard Load" (SL) tires, replace those tires with similar-sized SL or XL tires.

Caution: It is recommended that a "High Load Capacity" (HLC) tire be replaced with an HLC tire of equal size and load carrying capacity.

**** SAFETY WARNING **** Serious injury may result from:

- Tire failure due to underinflation/overloading – follow the owner's manual or tire placard in vehicle.
- Explosion of tire/rim assembly due to improper mounting – only specially trained persons should mount tires.
- Do not spin wheels in excess of 35 mph as indicated on the speedometer. Personal injury and severe damage may result from excessive wheel spinning, including tire disintegration or axle failure.

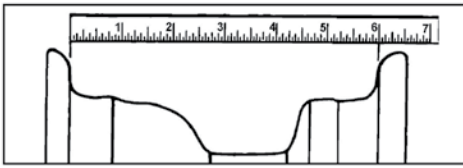
TIRE TERMINOLOGY

CROSS-SECTION WIDTH: External sidewall-to-sidewall measurement of inflated tire, exclusive of ornamental ribs and lettering. Sometimes called section width.

FOOTPRINT: The area of the tire's tread that is in actual contact with the ground. The mark left by a loaded tire's tread as it comes into contact with the road surface.

ORIGINAL EQUIPMENT (O.E.): Refers to tires sold to automobile manufacturers for equipping their new cars.

RIM WIDTH: Distance between two opposite, inside edges of the rim flanges.



ROLLING RESISTANCE: The force required to keep a tire moving at a constant speed. The lower the rolling resistance, the less energy needed to keep a tire moving.

ROTATION: The systematic movement of tires from one vehicle position to another to maximize tread life and minimize irregular wear.

SECTION HEIGHT: The height of a tire measured from the rim to the outer tread in an unloaded tire.



TREAD DEPTH: The distance from the tread surface to the bottom of the grooves.

UNIFORMITY: A term describing the amount of radial and lateral force variation in a tire.

