

PRODUCT GUIDE 2019

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FEDERAL[®]
TIRES



Rooted in America
With Patriot Pride

FEDERAL TIRES

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TIRES

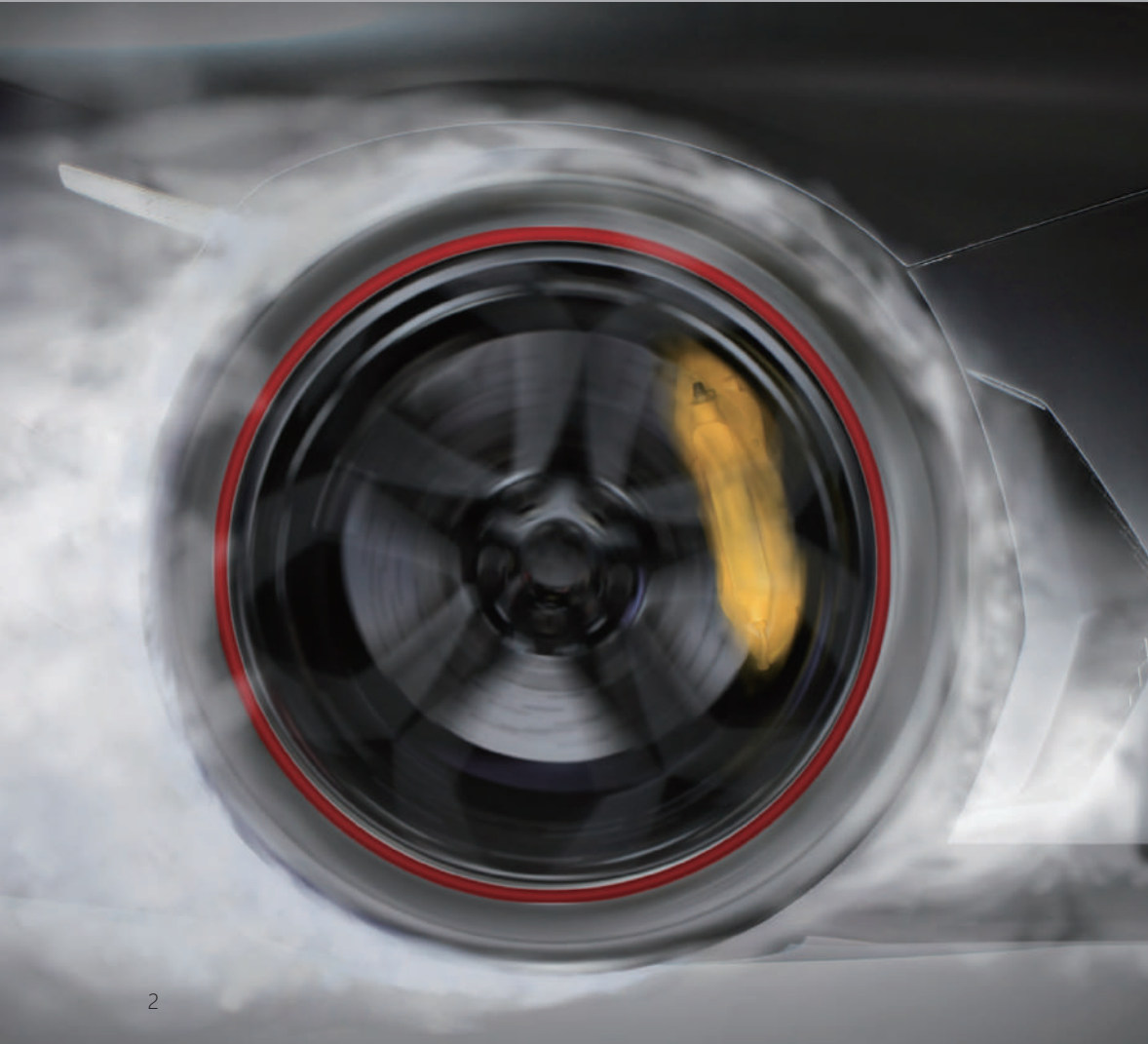
Rooted in America
With Patriot Pride

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Mission Statement



With over 200 distributors around six continents, Federal Tires is a global business run in close ties with local expertise. Throughout the firm's history, our core values have always been defined by a strong code of ethics, social responsibility, and protecting the environment with green globalization.

We set out in 1954 to serve the globe with the most innovative and reliable tires and continue to do so to this day. The safety and well-being of our workforce and stakeholders, our zero-tolerance policy on harassment and discrimination, together with our respect for human rights are all designed to embody the core values of our brand.

Just as we construct and compound distinct elements to make our tires, our aim is to deliver the best mix of tires and services to meet all our clients' needs globally. Federal Tires seeks to continually deliver improvements to our tires and services and provide those we serve the guarantee of our integrity and commitment. We never settle for anything less than our aim : Always innovating. Always serving our clients. Always Federal.

The Evolution of Federal

Established in 1954, Federal is a company based on firsts and respected around the world because of its history. Standing tall for more than 60 years, the company represents quality, performance, and excellent service. Built on the dedication and professionalism of our team, Federal is poised to explore potential, to obliterate boundaries, and to push out the edges of what can be.



1950s

1954 / Founded by Chi San Ma in Chungli, Taiwan.

1960s

1965 / U.S. DOT trademark approved and starts export business.

1960-1980 / Technical cooperation with Bridgestone Tire.

1970s

1978 / Initiates PCR tire manufacturing.

1979 / Successfully completes IPO.

1980s

1981-2000 / Technical cooperation with Sumitomo Rubber Industries.

1982 / U.S. UTQG requirements approved.

1986 / Nabs Ford Automobile Quality A Supplier Award.

1990s

1990 / Wins Ford Q1 and GM/OPEL Awards.

1992 / Federal launches 50/55 series PCR tires.

1993 / Receives HONDA Quality Award.

1999 / Federal launches 40/45 series ZR/VR UHP tires.

2000s

2000 / Federal launches winter HP tires.

2002 / Federal begins mass production of 30/35 series ZR tires.

2003 / Federal launches 4x4 SUV tires, plus Formoza and Couragia tires.

2006 / Federal nabs the No.1 foreign brand of market share in Japan's competition tire market.

2009 / Introduction of Himalaya SUV winter tires.

2010s

2013 / Federal partners with Manchester United FC as tire supplier in Russia and Taiwan.

2014 / Shu Jam Ma named as the Chairman of Federal Corporation.

2016 / Establishment of Federal Tire North America LLC.

2017 / Federal opens next-gen manufacturing facility, establishing the foundation for future growth.
/ The 595 RS-RR nabs the prestigious 2017 Red Dot Award and 2018 German Design Award.

2018 / Launch the latest 4x4/SUV Xplora product lines, starting with sport truck tires, Xplora MTS, and ferocious, mud-terrain Xplora M/T.

/ The new Xplora MTS was recognized with the 2018 Red Dot Award for its innovative design.





ULTIMATE PERFORMANCE

Federal's ultimate performance tires are designed for hard-core speed chasers and those who just enjoy the sheer driving pleasure with outstanding control, responsiveness, and wet/dry traction.



PREMIUM TOURING

Federal's premium touring tires offer excellent all-season driving pleasure, comfort, safety, and value.

ADVENTURE EXPLORING

Federal's versatile SUV and 4X4 tires offer ultimate traction and steering control to handle on-road or off-road expeditions.



ICE TREKKING

Featuring optimal compounds and tread design in adverse winter conditions for various vehicles, Federal's winter tires bite deep into snow and ice.



STURDY COMMERCIAL

Federal's sturdy commercial tires are built for grueling urban and highway use, keeping fleets going with increased mileage, high durability, and fuel efficiency.



Ultimate Performance

Federal's ultimate performance tires are designed for hard-core speed chasers and those who just enjoy the sheer driving pleasure with outstanding control, responsiveness, and wet/dry traction.

595 RS-RR
595 RS-R
595 RS-PRO
595 RPM
SUPER STEEL 595
EVOLUZIONE ST-1
EVOLUZIONE F60

UHP Tires /
Ultimate Performance

595 RS-RR



The 595 RS-RR is an evolution of the race-winning 595 RS-R, delivering even faster lap times and better dry grip.

FEATURES

- New silica-infused tread compounds provide outstanding grip and enhanced durability.
- Flame-shaped grooves contribute to decreased aquaplaning and improved traction in rainy conditions.
- Even stiffness in both center and shoulder areas minimize uneven wear for improved grip.



Award



AS AWARDED BY THE CHICAGO ATHENAEUM: MUSEUM OF ARCHITECTURE AND DESIGN

595 RS-RR

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG					
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32'			kg	psi		kg	lbs			
Black Sidewall																				
15"	205/50 ZR15 89W XL	586	23.1	210	8.3	6.5	5.5 - 7.5	182	7.2	5.8	7	9.7	50	580	1279	200	AA	A		
	225/45 ZR15 87W	586	23.1	225	8.9	7.5	7.0 - 8.5	208	8.2	5.8	7	10.4	44	545	1202	200	AA	A		
17"	215/40 ZR17 87W XL	606	23.6	216	8.4	7.5	7.0 - 8.5	196	7.6	5.8	7	9.7	50	545	1201	200	AA	A		
	215/45 ZR17 87W	626	24.7	216	8.5	7.0	7.0 - 8.0	196	7.7	5.8	7	10.9	44	545	1202	200	AA	A		
	225/45 ZR17 94W XL	633	24.9	227	9.0	7.5	7.0 - 8.5	208	8.2	5.8	7	11.2	50	670	1477	200	AA	A		
	235/40 ZR17 90W	617	24.3	246	9.7	8.5	8.0 - 9.5	220	8.7	5.8	7	11.3	44	600	1323	200	AA	A		
	235/45 ZR17 94W	642	25.3	242	9.5	8.0	7.5 - 9.0	216	8.5	5.8	7	11.9	44	670	1477	200	AA	A		
	245/40 ZR17 91W	629	24.8	246	9.7	8.5	8.0 - 9.5	223	8.8	5.8	7	10.8	44	615	1356	200	AA	A		
18"	255/40 ZR17 94W	634	25.0	263	10.3	9.0	8.5 - 10.0	236	9.3	5.8	7	12.5	44	670	1477	200	AA	A		
	215/40 ZR18 85W	630	24.8	216	8.5	7.5	7.0 - 8.5	196	7.7	5.8	7	10.6	44	515	1135	200	AA	A		
	225/40 ZR18 92W XL	637	25.1	234	9.2	8.0	8.0 - 9.0	206	8.1	5.8	7	11.0	50	630	1389	200	AA	A		
	235/40 ZR18 91W	642	25.3	246	9.7	8.5	8.0 - 9.5	220	8.7	5.8	7	11.5	44	615	1356	200	AA	A		
	245/35 ZR18 92W XL	627	24.5	246	9.6	8.5	8.0 - 9.5	228	8.9	5.8	7	10.7	50	630	1389	200	AA	A		
	245/40 ZR18 93W	652	25.7	249	9.8	8.5	8.0 - 9.5	223	8.8	5.8	7	12.4	44	650	1433	200	AA	A		
	255/35 ZR18 94W XL	637	24.8	260	10.1	9.0	8.5 - 10.0	239	9.3	5.8	7	12.4	50	670	1477	200	AA	A		
	265/35 ZR18 97W XL	643	25.3	271	10.7	9.5	9.0 - 10.5	248	9.8	5.8	7	12.7	50	730	1609	200	AA	A		
19"	265/40 ZR18 101W XL	668	26.3	273	10.7	9.5	9.0 - 10.5	244	9.6	5.8	7	13.2	50	825	1819	200	AA	A		
	275/35 ZR18 95W	649	25.5	278	10.9	9.5	9.0 - 11.0	256	10.1	5.8	7	13.0	44	690	1521	200	AA	A		
	235/35 ZR19 91W XL	649	25.5	236	9.3	8.5	8.0 - 9.5	222	8.7	5.8	7	11.3	50	615	1356	200	AA	A		
	245/35 ZR19 93W XL																	200	AA	A
	245/40 ZR19 98W XL	680	26.8	245	9.6	8.5	8.0 - 9.5	223	8.8	5.8	7	12.4	50	750	1653	200	AA	A		
	255/35 ZR19 96W XL	662	26.1	257	10.1	9.0	8.5 - 10.0	239	9.4	5.8	7	12.1	50	710	1565	200	AA	A		
265/35 ZR19 94W	669	26.3	271	10.7	9.5	9.0 - 10.5	249	9.8	5.8	7	13.1	44	670	1477	200	AA	A			
275/35 ZR19 96W	675	26.6	277	10.9	9.5	9.0 - 11.0	256	10.1	5.8	7	13.5	44	710	1565	200	AA	A			

These data can be changed by the manufacturer without prior notice and differently applied by regions.

**UHP Tires /
Ultimate Performance**

595 RS-R



The name 595 RS-R has become a milestone, marking a legacy in Federal's ultra high performance tires.

FEATURES

- Enhanced tire tread stiffness provides better grip, traction, and cornering at high speed.
- Wide V-shaped grooves maximize contact areas and water-channeling efficiency.
- Steel tire cord and reinforced sidewalls deliver dashing cornering stability.



595 RS-R

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth		Weight	Max. Air Pressure	Max. Load		UTQG
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32'	kg			psi	kg	
Black Sidewall																
15"	195/50 ZR15 82W	577	22.7	200	7.9	6.0	5.5 - 6.5	176	6.9	6.5	8	9.1	44	475	1047	220 AA A
	205/50 ZR15 89W XL	589	23.2	210	8.3	6.5	6.0 - 7.0	182	7.2	6.5	8	9.8	50	580	1279	220 AA A
16"	205/45 ZR16 83W	589	23.2	209	8.2	7.0	6.5 - 7.5	188	7.4	6.5	8	9.6	44	487	1073	220 AA A
	205/50 ZR16 87W	610	24.0	210	8.3	6.5	6.0 - 7.0	182	7.2	6.5	8	10.1	44	545	1201	220 AA A
17"	215/40 ZR17 83W	603	23.7	222	8.7	7.5	7.0 - 8.5	190	7.5	7.5	9	10.0	44	467	1074	220 AA A
	215/45 ZR17 87W	625	24.6	219	8.6	7.0	6.5 - 7.5	196	7.7	6.5	8	10.6	44	545	1201	220 AA A
	225/45 ZR17 94W XL	633	24.9	230	9.1	7.5	7.0 - 8.0	206	8.1	5.2	7	11.0	50	670	1477	220 AA A
	235/40 ZR17 90W	619	24.4	238	9.4	8.5	8.0 - 9.5	216	8.5	6.5	8	11.5	44	600	1323	220 AA A
	235/45 ZR17 94W	643	25.3	240	9.4	8.0	7.5 - 8.5	212	8.3	6.5	8	11.8	44	670	1477	220 AA A
18"	255/40 ZR17 94W	634	25.0	260	10.2	9.0	8.5 - 10.0	232	9.1	6.5	8	12.4	44	670	1477	220 AA A
	225/40 ZR18 88W	636	25.0	231	9.1	8.0	7.5 - 8.5	204	8.0	6.5	8	12.0	44	560	1235	220 AA A
	235/40 ZR18 91W	643	25.3	240	9.4	8.5	8.0 - 9.0	218	8.6	6.5	8	12.4	44	615	1356	220 AA A
	245/35 ZR18 88W	627	24.7	248	9.8	8.5	8.0 - 9.0	224	8.8	6.5	8	11.8	44	560	1234	220 AA A
	255/35 ZR18 90W	634	25.0	260	10.2	9.0	8.5 - 9.5	236	9.3	6.5	8	12.4	44	600	1323	220 AA A
	265/35 ZR18 93W	643	25.3	271	10.7	9.5	9.0 - 10.0	246	9.7	6.5	8	12.8	44	650	1433	220 AA A
	285/30 ZR18 97W XL	626	24.6	290	11.4	10.0	9.5 - 10.5	259	10.2	6.2	8	13.3	50	730	1609	220 AA A

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**UHP Tires /
Ultimate Performance**

595 RS-PRO



The sleek 595 RS-PRO is a EURO R117-certified street tire, engineered to satisfy your desire and style for aggressive performance.

FEATURES

- Continuous central rib delivers straight line stability at high speed.
- Dual circumferential grooves and V-shaped tread grooves channel water away effectively.
- Advance carcass structure design ensures optimal toughness and contact patch.
- Enhanced tire block rigidity and maximized patch areas provide outstanding grip and steering accuracy.



595 RS-PRO

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG
	mm	inch	mm	inch	inch	inch	mm	inch	mm			x/32'	kg	
Black Sidewall														
15"	195/50 ZR15 86W XL				6.0	5.5 - 7.0			5.8	7	44	475	1047	200 AA A
	205/50 ZR15 89W XL	587	23.1	211	8.3	6.5	5.5 - 7.5	197	7.8	5.8	7	9.7	50	580 1279 200 AA A
16"	205/45 ZR16 83W	591	23.2	205	8.1	7.0	6.5 - 7.5	192	7.6	5.8	7	9.0	44	487 1074 200 AA A
17"	215/40 ZR17 87W XL	605	23.8	219	8.6	7.5	7.0 - 8.5	203	8.0	5.8	7	9.9	50	545 1202 200 AA A
	215/45 ZR17 91W XL	623	24.5	213	8.4	7.0	7.0 - 8.0	202	8.0	5.8	7	10.5	50	615 1356 200 AA A
	225/45 ZR17 94W XL	636	25.0	227	8.9	7.5	7.0 - 8.5	212	8.3	5.8	7	11.1	50	670 1477 200 AA A
18"	215/40 ZR18 85Y	631	24.8	216	8.5	7.5	7.0 - 8.5	203	8.0	5.8	7	10.5	44	515 1135 200 AA A
	225/40 ZR18 92Y XL	639	25.2	229	9.0	8.0	7.5 - 9.0	214	8.4	5.8	7		50	630 1389 200 AA A
	235/40 ZR18 91Y	647	25.5	241	9.5	8.5	8.0 - 9.5	224	8.8	5.8	7	11.8	44	615 1356 200 AA A
	245/40 ZR18 93Y	654	25.7	248	9.7	8.5	8.0 - 9.5	231	9.1	5.8	7	12.6	44	650 1433 200 AA A
	255/35 ZR18 94Y XL	638	25.1	258	10.2	9.0	8.5 - 10.0	240	9.4	5.8	7	12.2	50	670 1477 200 AA A
	265/35 ZR18 97Y XL	644	25.3	274	10.8	9.5	9.0 - 10.5	254	10.0	5.8	7	12.6	50	730 1609 200 AA A
19"	265/40 ZR18 101Y XL	671	26.4	273	10.8	9.5	9.0 - 10.5	252	9.9	5.8	7	13.8	50	825 1819 200 AA A
	275/35 ZR18 95Y	650	25.6	279	11.0	9.5	9.0 - 11.0	267	10.5	5.8	7	13.4	44	690 1521 200 AA A
	235/35 ZR19 91Y XL	650	25.6	240	9.4	8.5	8.0 - 9.5	227	8.9	5.8	7	11.8	50	615 1356 200 AA A
	245/40 ZR19 98Y XL	683	26.9	246	9.7	8.5	8.0 - 9.5	231	9.1	5.8	7	12.6	50	750 1653 200 AA A
	255/35 ZR19 91Y XL	664	26.1	258	10.2	9.0	8.5 - 10.0	240	9.4	5.8	7	13.1	49	710 1565 200 AA A
265/35 ZR19 94Y	671	26.4	270	10.6	9.5	9.0 - 10.5	254	10.0	5.8	7	13.7	44	670 1477 200 AA A	
275/35 ZR19 96Y	679	26.7	275	10.8	9.5	9.0 - 11.0	267	10.5	5.8	7	13.8	44	710 1565 200 AA A	

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UHP Tires /
Ultimate Performance

595 RPM



The 595 RPM is Federal's ultra high performance summer tire with the perfect combination of precise handling, refined quality, and comfortable rides.

FEATURES

- An asymmetric tire featuring soft sidewall and stiff outer areas for superior handling and comfort.
- 3D tread design blends the tire's responsiveness, handling, and toughness for rigorous driving.
- Circumferential grooves channel water away effectively, plus quiet and comfortable rides.
- Rough outer areas provide extra traction during intensive driving, along with endurance.



595 RPM

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG						
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"			kg	psi		kg	lbs				
Black Sidewall																					
17"	215/45	ZR17	91Y	XL	625	24.6	215	8.5	7.0	7.0 - 8.0	191	7.5	8.0	10	10.4	50	615	1356	160	AA	A
18"	225/40	ZR18	92Y	XL	634	25.0	231	9.1	8.0	7.5 - 9.0	213	8.4	8.1	10	11.1	50	630	1389	160	AA	A
	235/40	ZR18	91Y		643	25.3	239	9.4	8.5	8.0 - 9.5	212	8.3	8.1	10	11.2	44	615	1356	160	AA	A
	245/40	ZR18	97Y	XL	651	25.6	248	9.8	8.5	8.0 - 9.5	218	8.6	8.1	10	11.5	50	730	1609	160	AA	A
	245/45	ZR18	96Y		677	26.6	239	9.4	8.0	7.5 - 9.0	216	8.5	7.9	10	12.7	44	710	1565	160	AA	A
	245/50	ZR18	100W	XL	703	27.7	248	9.8	7.5	7.0 - 8.5	215	8.5	7.9	10	13.1	44	800	1764	160	AA	A
19"	255/45	ZR18	99Y		686	27.0	256	10.1	8.5	8.0 - 9.5	227	8.9	8.2	10	12.9	44	775	1709	160	AA	A
	265/35	ZR18	97Y	XL	643	25.3	267	10.5	9.5	9.0 - 10.5	247	9.7	7.6	10	12.1	50	730	1609	160	AA	A
	225/35	ZR19	88Y	XL	639	25.1	231	9.1	8.0	7.5 - 9.0	208	8.2	8.2	10	11.0	50	560	1235	160	AA	A
	225/40	ZR19	93Y	XL	662	26.1	232	9.1	8.0	7.5 - 9.0	202	8.0	8.2	10	10.7	50	650	1433	160	AA	A
	235/35	ZR19	91Y	XL	646	25.4	242	9.5	8.5	8.0 - 9.5	218	8.6	7.9	10	10.8	50	615	1356	160	AA	A
20"	245/35	ZR19	93Y	XL	655	25.8	244	9.6	8.5	8.0 - 9.5	224	8.8	8.2	10	11.5	50	650	1433	160	AA	A
	255/35	ZR19	96Y	XL	660	26.0	261	10.3	9.0	8.5 - 10.0	238	9.4	7.6	10	12.5	50	710	1565	160	AA	A
	245/40	ZR19	96Y		686	27.0	260	10.2	8.5	8.5 - 10.0	231	9.1	8.2	10	12.9	44	710	1565	160	AA	A
	265/35	ZR19	98Y	XL	670	26.4	265	10.4	9.5	9.0 - 10.5	234	9.2	8.2	10	12.6	50	750	1653	160	AA	A
	285/35	ZR19	99Y		683	26.9	292	11.5	10.0	9.5 - 11.0	260	10.2	8.5	11	14.0	44	775	1709	160	AA	A
21"	335/30	ZR20	104Y		706	27.8	345	13.6	12.0	11.5 - 12.5	309	12.2	7.6	10	16.9	44	900	1985	160	AA	A
	245/35	ZR21	96Y	XL	703	27.7	249	9.8	8.5	8.0 - 9.5	227	8.9	8.2	10	13.0	50	710	1566	160	AA	A
	255/30	ZR21	93Y	XL	685	27.0	256	10.1	9.0	8.5 - 9.5	236	9.3	8.2	10	13.1	50	650	1433	160	AA	A
	285/30	ZR21	100Y	XL	709	27.9	284	11.2	10.0	9.5 - 10.5	276	10.9	8.5	11	14.3	50	800	1764	160	AA	A
295/25	ZR21	96Y	XL	681	26.8	295	11.6	10.5	10.0 - 11.0	277	10.9	8.4	11	15.2	50	710	1565	160	AA	A	

These data can be changed by the manufacturer without prior notice and differently applied by regions.

UHP Tires /
Ultimate Performance

SUPER STEEL 595



Federal's Super Steel 595 is your perfect match for its balanced all-season driving and aggressive looks.

FEATURES

- Uni-directional grooves enhance high-speed stability and traction.
- Even stiffness in both center and shoulder areas minimize uneven wear for improved grip.
- Steel tire cord and reinforced sidewalls ensure optimum performance in all temperatures.
- Optimized tread pitch and alignment reduce noise for comfortable rides at high speed.



SUPER STEEL 595

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG		
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32'			kg	psi		kg	lbs
Black Sidewall																	
13"	185/60 R13 80H	552	21.7	183	7.2	5.5	5.0 - 6.5	148	5.8	7.9	10	6.9	44	450	992	460	A A
	205/60 R13 87H	576	22.7	205	8.1	6.0	5.5 - 7.5	160	6.3	8.1	10	8.1	44	545	1202	460	A A
14"	185/55 R14 80V	560	22.0	185	7.3	6.0	5.0 - 6.5	164	6.5	7.3	9	7.7	44	450	992	260	A A
	195/60 R14 86H	589	23.2	195	7.7	6.0	5.5 - 7.0	156	6.1	8.0	10	7.7	44	530	1168	460	A A
	205/60 R14 89H	601	23.7	202	8.0	6.0	5.5 - 7.5	160	6.3	8.2	10	8.6	44	580	1279	460	A A
15"	185/55 R15 82V	585	23.0	182	7.2	6.0	5.0 - 6.5	164	6.5	7.3	9	8.0	44	475	1047	260	A A
	195/45 R15 78V	556	21.9	198	7.8	6.5	6.0 - 7.5	176	6.9	7.5	9	8.0	44	425	937	240	A A
	195/50 ZR15 82W	577	22.7	201	7.9	6.0	5.5 - 7.0	169	6.7	7.1	9	8.7	44	475	1047	260	AA A
	195/55 ZR15 85W	595	23.4	199	7.8	6.0	5.5 - 7.0	172	6.8	7.5	9	9.2	44	515	1135	260	AA A
16"	195/45 R16 84V XL	581	22.9	200	7.9	6.5	6.0 - 7.5	176	6.9	7.5	9	8.5	50	500	1102	240	A A
	205/40 R16 83V	568	22.4	222	8.7	7.5	7.0 - 8.0	186	7.3	7.4	9	8.9	50	487	1074	240	A A
	205/45 R16 83V	590	23.2	213	8.4	7.0	6.5 - 7.5	180	7.1	7.5	9	9.5	44	487	1073	240	A A
	205/45 ZR16 83W	590	23.2	213	8.4	7.0	6.5 - 7.5	180	7.1	7.5	9	9.4	44	487	1073	240	AA A
	205/50 ZR16 97W	609	24.0	211	8.3	6.5	5.5 - 7.5	180	7.1	7.8	10	10.0	44	545	1201	260	AA A
	205/55 ZR16 91W	632	24.9	204	8.0	6.5	5.5 - 7.5	180	7.1	7.5	9	10.3	44	615	1355	260	AA A
	215/40 R16 86W XL	576	22.7	225	8.9	7.5	7.0 - 8.5	192	7.6	7.6	10	9.6	50	530	1168	240	AA A
	215/55 ZR16 93W	642	25.3	224	8.8	7.0	6.0 - 7.5	190	7.5	7.6	10	10.5	44	650	1433	260	AA A
	235/60 ZR16 100V	689	27.1	234	9.2	7.0	6.5 - 8.5	186	7.3	7.9	10	12.2	44	800	1764	260	AA A
	235/60 ZR16 100W	689	27.1	234	9.2	7.0	6.5 - 8.5	186	7.3	7.9	10	12.2	44	800	1764	260	AA A
245/50 R16 98V	646	25.4	255	10.0	7.5	7.0 - 8.5	232	9.1	8.5	11	12.3	44	750	1653	260	AA A	
17"	205/40 R17 80V	594	23.4	220	8.7	7.5	7.0 - 8.0	180	7.1	7.1	9	8.9	44	450	992	240	A A
	205/40 ZR17 80W	594	23.4	220	8.7	7.5	7.0 - 8.0	180	7.1	7.1	9	8.6	44	450	992	240	AA A
	205/45 R17 84V	615	24.2	211	8.3	7.0	6.5 - 7.5	180	7.1	7.6	10	9.4	44	500	1102	240	A A
	205/45 ZR17 88W XL	615	24.2	211	8.3	7.0	6.5 - 7.5	180	7.1	7.6	10	10.1	50	560	1235	240	AA A
	205/50 ZR17 93W XL	638	25.1	216	8.5	6.5	5.5 - 7.5	180	7.1	8.0	10	10.2	50	650	1433	260	AA A
	215/40 R17 83V	603	23.7	223	8.8	7.5	7.0 - 8.5	190	7.5	7.5	9	9.5	44	487	1074	240	A A
	215/40 ZR17 83W	603	23.7	223	8.8	7.5	7.0 - 8.5	190	7.5	7.5	9	10.1	44	487	1074	240	AA A
	215/45 R17 87V	626	24.6	224	8.8	7.0	7.0 - 8.0	194	7.6	7.6	10	10.2	44	545	1201	240	A A
	215/45 ZR17 87W	626	24.6	229	9.0	7.0	7.0 - 8.0	194	7.6	7.6	10	9.8	44	545	1201	240	AA A
	215/50 ZR17 91W	646	25.4	234	9.2	7.0	6.0 - 7.5	200	7.9	8.2	10	11.0	44	615	1356	260	AA A
	225/45 R17 91V	633	24.9	229	9.0	7.5	7.0 - 8.5	200	7.9	7.7	10	11.2	44	615	1356	240	A A
	225/45 ZR17 91W	633	24.9	229	9.0	7.5	7.0 - 8.5	200	7.9	7.7	10	11.1	44	615	1356	240	AA A
	225/50 ZR17 94W	656	25.8	234	9.2	7.0	6.0 - 8.0	208	8.2	8.3	10	11.8	44	670	1477	260	AA A
	225/55 ZR17 97W	678	26.7	235	9.2	7.0	6.0 - 8.0	208	8.2	7.9	10	12.5	44	730	1609	260	AA A
	235/40 R17 90V	618	24.3	246	9.7	8.5	8.0 - 9.5	212	8.3	8.3	10	10.9	44	600	1323	240	A A
235/45 R17 93V	643	25.3	243	9.6	8.0	7.5 - 9.0	210	8.3	7.7	10	11.6	44	650	1433	240	A A	
235/45 ZR17 94W	643	25.3	243	9.6	8.0	7.5 - 9.0	210	8.3	7.7	10	11.1	44	670	1477	240	AA A	
245/40 R17 92V	627	24.7	249	9.8	8.5	8.0 - 9.5	218	8.6	8.6	11	11.9	44	630	1389	240	A A	
245/45 R17 95V	651	25.6	252	9.9	8.0	7.5 - 9.0	216	8.5	7.8	10	12.1	44	690	1521	240	A A	
255/40 R17 94V	633	24.9	260	10.2	9.0	8.5 - 10.0	220	8.7	8.7	11	12.1	44	670	1477	240	A A	
255/50 R17 101V	688	27.1	264	10.4	8.0	7.0 - 9.0	236	9.3	8.5	11	14.4	44	825	1819	260	A A	
255/55 R17 102V	709	27.9	257	10.1	8.0	7.0 - 9.0	230	9.1	8.0	10	13.5	44	850	1874	260	A A	
275/40 R17 98V	649	25.6	280	11.0	9.5	9.0 - 10.5	246	9.7	8.2	10	13.3	44	750	1654	240	A A	

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UHP Tires / Ultimate Performance

SUPER STEEL 595



Federal's Super Steel 595 is your perfect match for its balanced all-season driving and aggressive looks.

FEATURES

- Uni-directional grooves enhance high-speed stability and traction.
- Even stiffness in both center and shoulder areas minimize uneven wear for improved grip.
- Steel tire cord and reinforced sidewalls ensure optimum performance in all temperatures.
- Optimized tread pitch and alignment reduce noise for comfortable rides at high speed.



SUPER STEEL 595

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG					
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32'			kg	lbs						
Black Sidewall																				
18"	* 215/35	ZR18	84W	606	23.9	216	8.5	7.5	7.0 - 8.5	191	7.5	8.0	10	9.7	50	500	1102	240	AA	A
	215/40	ZR18	85W	629	24.8	223	8.8	7.5	7.0 - 8.5	190	7.5	7.5	9	10.6	44	515	1135	240	AA	A
	225/35	ZR18	83W	613	24.1	227	8.9	8.0	7.5 - 9.0	200	7.9	8.1	10	8.7	44	487	1074	240	AA	A
	225/40	ZR18	88W	639	25.1	230	9.1	8.0	7.5 - 9.0	206	8.1	7.9	10	11.1	44	550	1235	240	AA	A
	225/45	ZR18	91W	658	25.9	228	9.0	7.5	7.0 - 8.5	196	7.7	7.9	10	11.8	44	615	1356	240	AA	A
	235/40	ZR18	91W	643	25.3	246	9.7	8.5	8.0 - 9.5	210	8.3	8.3	10	11.1	44	615	1356	240	AA	A
	235/45	R18	94V	673	26.5	230	9.1	8.0	7.5 - 9.0	195	7.7	7.1	9	10.7	44	670	1477	240	AA	A
	235/50	ZR18	101W XL	692	27.2	250	9.8	7.5	6.5 - 8.5	225	8.9	7.9	10	13.9	50	825	1819	260	AA	A
	245/40	ZR18	93W	651	25.6	253	10.0	8.5	8.0 - 9.5	220	8.7	8.7	11	11.8	44	650	1433	240	AA	A
	245/45	ZR18	96W	676	26.6	250	9.9	8.0	7.5 - 9.0	220	8.7	7.9	10	12.8	44	710	1565	240	AA	A
	255/35	ZR18	90W	633	24.9	262	10.3	9.0	8.5 - 10.0	240	9.4	8.4	11	12.4	44	600	1323	240	AA	A
	255/40	ZR18	99W XL	664	26.2	258	10.1	9.0	8.5 - 10.0	225	8.9	7.1	9	11.2	50	775	1709	240	AA	A
	255/45	ZR18	103Y XL	687	27.0	260	10.2	8.5	8.0 - 9.5	230	9.1	7.9	10	13.6	50	875	1929	240	AA	A
	255/55	R18	109V XL	735	28.9	263	10.3	8.0	7.0 - 9.0	230	9.1	8.1	10	15.9	50	1030	2271	260	A	A
	265/35	ZR18	93W	641	25.2	274	10.8	9.5	9.0 - 10.5	248	9.8	8.5	11	12.6	44	650	1433	240	AA	A
	275/35	ZR18	95W	652	25.7	275	10.8	9.5	9.0 - 11.0	240	9.4	7.1	9	12.1	44	690	1521	240	AA	A
	275/40	ZR18	99W	679	26.7	275	10.8	9.5	9.0 - 11.0	242	9.5	7.1	9	12.9	44	775	1709	240	AA	A
19"	* 215/35	ZR19	85W	634	25.0	212	8.4	7.5	7.0 - 8.5	180	7.1	8.1	10	10.0	50	515	1136	240	AA	A
	225/35	ZR19	84W	641	25.3	224	8.8	8.0	7.5 - 9.0	208	8.2	7.9	10	10.4	44	500	1103	240	AA	A
	235/35	ZR19	91W XL	652	25.7	232	9.1	8.5	8.0 - 9.5	217	8.5	7.9	10	10.9	50	615	1356	240	AA	A
	* 245/35	ZR19	93W	656	25.8	243	9.6	8.5	8.0 - 9.5	226	8.9	7.9	10	11.5	50	650	1433	240	AA	A
	245/40	ZR19	98Y XL	677	26.7	252	9.9	8.5	8.0 - 9.5	225	8.9	8.9	11	13.0	50	750	1653	240	AA	A
	245/45	ZR19	102W XL	711	28.0	234	9.2	8.0	7.5 - 9.0	201	7.9	7.3	9	11.8	50	850	1874	240	AA	A
	255/40	ZR19	96W	685	27.0	263	10.4	9.0	8.5 - 10.0	238	9.4	9.4	12	13.8	44	710	1565	240	AA	A
	265/30	ZR19	89W	644	25.4	261	10.3	9.5	9.0 - 10.0	252	9.9	7.9	10	12.2	44	580	1279	240	AA	A
	275/30	ZR19	92W	650	25.6	273	10.7	9.5	9.0 - 10.0	261	10.3	8.0	10	12.8	44	630	1389	240	AA	A
20"	245/35	ZR20	91W	683	26.9	240	9.4	8.5	8.0 - 9.5	224	8.8	8.2	10	13.0	44	615	1356	240	AA	A
	255/35	ZR20	93W	685	27.0	260	10.2	9.0	8.5 - 10.0	238	9.4	7.9	10	13.8	44	650	1433	240	AA	A

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UHP Tires /
Ultimate Performance

EVOLUZIONE ST-1



The Evoluzione ST-1 is an ultra high performance summer tire that delivers comfort and dry handling in both wet and dry handling.

FEATURES

- Advance wet grip compounds deliver optimized wet and dry traction.
- Triple wide and one thin grooves reduce hydroplaning.
- High-rigidity carcass structure brings enhanced cornering stability.
- Large contact patch areas maximize traction and steering accuracy.



EVOLUZIONE ST-1

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG				
	mm	inch	mm	inch	inch	inch	mm	inch	mm	kg	psi	kg	lbs					
Black Sidewall																		
16"	165/40 R16 73V XL	542	21.4	174	6.9	6.0	6.0 - 6.0	148	5.8	7.9	10	6.4	50	365	804	300	AA	A
	195/40 ZR16 80W XL	565	22.2	201	7.9	7.0	6.5 - 7.5	174	6.9	7.9	10	8.3	50	450	992	300	AA	A
	195/45 R16 84V XL	584	23.0	190	7.5	6.5	6.0 - 7.5	170	6.7	7.6	10	7.7	50	500	1102	300	AA	A
	195/55 R16 87V	621	24.4	196	7.7	6.0	5.5 - 7.0	170	6.7	7.9	10	10.5	44	545	1201	300	AA	A
	205/45 ZR16 87W XL	592	23.3	204	8.0	7.0	6.5 - 7.5	178	7.0	7.6	10	8.6	50	545	1201	300	AA	A
	205/50 ZR16 87W	609	24.0	213	8.4	6.5	5.5 - 7.5	182	7.2	7.9	10	8.7	44	545	1201	300	AA	A
	205/55 ZR16 94W XL	634	25.0	209	8.2	6.5	5.5 - 7.5	184	7.2	7.9	10	9.9	50	670	1477	300	AA	A
	215/45 ZR16 86W	600	23.6	212	8.3	7.0	7.0 - 8.0	184	7.2	7.7	10	8.7	44	530	1168	300	AA	A
	215/55 ZR16 97Y XL	641	25.3	224	8.8	7.0	6.0 - 7.5	194	7.6	7.9	10	11.0	50	730	1609	300	AA	A
	225/50 ZR16 96W XL	632	24.9	230	9.1	7.0	6.0 - 8.0	198	7.8	7.9	10	10.7	50	710	1565	300	AA	A
17"	195/40 ZR17 81W XL	589	23.2	200	7.9	7.0	6.5 - 7.5	174	6.9	8.0	10	7.7	50	462	1019	300	AA	A
	205/40 ZR17 84Y XL	596	23.5	211	8.3	7.5	7.0 - 8.0	184	7.2	8.0	10	8.4	50	500	1102	300	AA	A
	205/45 ZR17 88Y XL	618	24.3	202	7.9	7.0	6.5 - 7.5	178	7.0	7.6	10	8.5	50	560	1234	300	AA	A
	205/50 ZR17 93Y XL	641	25.2	210	8.2	6.5	5.5 - 7.5	182	7.2	7.9	10	10.1	50	650	1432	300	AA	A
	205/55 ZR17 95Y XL	657	25.9	213	8.4	6.5	5.5 - 7.5	184	7.2	7.9	10	10.3	50	690	1521	300	AA	A
	215/40 ZR17 87Y XL	604	23.8	217	8.5	7.5	7.0 - 8.5	190	7.5	8.0	10	9.1	50	545	1202	300	AA	A
	215/45 ZR17 91Y XL	624	24.6	211	8.3	7.0	7.0 - 8.0	184	7.2	7.6	10	9.2	50	615	1355	300	AA	A
	215/50 ZR17 95W XL	646	25.4	224	8.8	7.0	6.0 - 7.5	192	7.6	7.9	10	10.4	50	690	1521	300	AA	A
	215/55 ZR17 98Y XL	667	26.3	225	8.9	7.0	6.0 - 7.5	194	7.6	7.9	10	11.5	50	750	1653	300	AA	A
	225/45 ZR17 94Y XL	635	25.0	224	8.8	7.5	7.0 - 8.5	195	7.7	7.7	10	9.9	50	670	1477	300	AA	A
	225/50 ZR17 98Y XL	659	25.9	230	9.0	7.0	6.0 - 8.0	198	7.8	7.9	10	11.7	50	750	1653	300	AA	A
	235/45 ZR17 97Y XL	646	25.4	230	9.1	8.0	7.5 - 9.0	204	8.0	7.6	10	10.4	50	730	1609	300	AA	A
	235/50 ZR17 96Y	668	26.3	245	9.6	7.5	6.5 - 8.5	208	8.2	8.0	10	12.2	44	710	1565	300	AA	A
	245/40 ZR17 95Y XL	635	25.0	242	9.5	8.5	8.0 - 9.5	216	8.5	7.9	10	10.7	50	690	1521	300	AA	A
	245/45 ZR17 99Y XL	652	25.7	239	9.4	8.0	7.5 - 9.0	211	8.3	7.6	10	11.2	50	775	1708	300	AA	A
	255/40 ZR17 98Y XL	638	25.1	257	10.1	9.0	8.5 - 10.0	226	8.9	7.9	10	11.2	50	750	1653	300	AA	A
	275/40 ZR17 98Y	652	25.7	277	10.9	9.5	9.0 - 10.5	242	9.5	8.0	10	12.2	44	750	1653	300	AA	A
18"	205/40 ZR18 86Y XL	622	24.5	212	8.3	7.5	7.0 - 8.0	184	7.2	8.0	10	9.1	50	530	1168	300	AA	A
	215/35 ZR18 84Y XL	608	23.9	217	8.5	7.5	7.0 - 8.5	186	7.3	7.7	10	9.6	50	500	1102	300	AA	A
	215/40 ZR18 89Y XL	631	24.8	218	8.6	7.5	7.0 - 8.5	190	7.5	7.9	10	9.4	50	580	1278	300	AA	A
	225/35 ZR18 87Y XL	615	24.2	229	9.0	8.0	7.5 - 9.0	196	7.7	7.7	10	9.9	50	545	1201	300	AA	A
	225/40 ZR18 92Y XL	641	25.2	224	8.8	8.0	7.5 - 9.0	202	8.0	7.9	10	9.9	50	630	1388	300	AA	A
	225/45 ZR18 95Y XL	658	25.9	223	8.8	7.5	7.0 - 8.5	195	7.7	7.6	10	11.2	50	690	1521	300	AA	A
	235/40 ZR18 95Y XL	645	25.4	239	9.4	8.5	8.0 - 9.5	210	8.3	7.9	10	10.1	50	690	1521	300	AA	A
	235/50 ZR18 101W XL																	
	245/35 ZR18 92Y XL	632	24.9	246	9.7	8.5	8.0 - 9.5	214	8.4	7.4	9	10.8	50	630	1388	300	AA	A
	245/40 ZR18 97Y XL	648	25.5	247	9.7	8.5	8.0 - 9.5	216	8.5	7.9	10	11.1	50	730	1609	300	AA	A
	245/45 ZR18 100Y XL	678	26.7	239	9.4	8.0	7.5 - 9.0	211	8.3	7.6	10	11.8	50	800	1763	300	AA	A
	245/55 ZR18 103W																	
	255/35 ZR18 94Y XL	634	25.0	259	10.2	9.0	8.5 - 10.0	222	8.7	7.3	9	11.0	50	670	1477	300	AA	A
	265/35 ZR18 97Y XL	643	25.3	270	10.6	9.5	9.0 - 10.5	232	9.1	7.3	9	11.6	50	730	1609	300	AA	A
	265/40 ZR18 101Y XL	667	26.3	279	11.0	9.5	9.0 - 10.5	236	9.3	8.0	10	9.3	50	825	1818	300	AA	A
	275/40 ZR18 103Y XL	674	26.5	286	11.3	9.5	9.0 - 11.0	242	9.5	8.0	10	9.5	50	875	1929	300	AA	A
	285/35 ZR18 101Y XL	654	25.7	299	11.8	10.0	9.5 - 11.0	250	9.8	7.1	9	12.5	50	800	1763	300	AA	A

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UHP Tires /
Ultimate Performance

EVOLUZIONE ST-1



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FEATURES

- Advance wet grip compounds deliver optimized wet and dry traction.
- Triple wide and one thin grooves reduce hydroplaning.
- High-rigidity carcass structure brings enhanced cornering stability.
- Large contact patch areas maximize traction and steering accuracy.



EVOLUZIONE ST-1

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG					
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32'			kg	psi		kg	lbs			
Black Sidewall																				
19"	215/35 ZR19 85Y XL	634	25.0	217	8.5	7.5	7.0 - 8.5	186	7.3	7.7	10	10.7	50	515	1135	300	AA	A		
	225/35 ZR19 88Y XL	689	27.1	256	10.1	10.0	7.5 - 9.0	225	8.9	7.6	10	9.9	50	560	1234	300	AA	A		
	225/40 ZR19 93Y XL	665	26.2	228	9.0	8.0	7.5 - 9.0	202	8.0	7.9	10	10.7	50	650	1433	300	AA	A		
	225/45 ZR19 96Y XL	683	26.9	234	9.2	7.5	7.0 - 8.5	195	7.7	7.7	10		50	710	1565	300	AA	A		
	235/35 ZR19 91Y XL	652	25.7	239	9.4	8.5	8.0 - 9.5	206	8.1	7.9	10	10.6	50	615	1355	300	AA	A		
	235/40 ZR19 96Y XL	674	26.5	239	9.4	8.5	8.0 - 9.5	210	8.3	7.9	10	11.8	50	710	1565	300	AA	A		
	245/35 ZR19 93Y XL	654	25.8	246	9.7	8.5	8.0 - 9.5	212	8.3	7.3	9	10.9	50	650	1433	300	AA	A		
	245/40 ZR19 98Y XL	704	27.7	242	9.5	8.0	7.5 - 9.0	211	8.3	7.7	10	11.0	44	750	1653	300	AA	A		
	245/45 ZR19 98Y XL	704	27.7	242	9.5	8.0	7.5 - 9.0	211	8.3	7.7	10	12.2	44	750	1653	300	AA	A		
	255/35 ZR19 96Y XL	662	26.1	260	10.2	9.0	8.5 - 10.0	224	8.8	7.4	9	11.3	50	710	1565	300	AA	A		
	255/40 ZR19 100Y XL	687	27.0	257	10.1	9.0	8.5 - 10.0	226	8.9	7.9	10	12.9	50	800	1764	300	AA	A		
	265/30 ZR19 93Y XL	643	25.3	271	10.7	9.5	9.0 - 10.0	246	9.7	7.7	10	11.6	50	650	1433	300	AA	A		
	275/30 ZR19 96Y XL	648	25.5	277	10.9	9.5	9.0 - 10.0	252	9.9	7.7	10	11.6	50	710	1565	300	AA	A		
	275/35 ZR19 100Y XL	677	26.7	273	10.7	9.5	9.0 - 11.0	238	9.4	7.3	9	12.5	50	800	1763	300	AA	A		
275/40 ZR19 105Y XL	706	27.8	274	10.8	9.5	9.0 - 11.0	242	9.5	7.9	10	13.5	50	925	2039	300	AA	A			
285/30 ZR19 98Y XL	655	25.8	290	11.4	10.0	9.5 - 10.5	264	10.4	7.7	10	13.6	50	750	1653	300	AA	A			
20"	225/35 ZR20 90Y XL	667	26.3	231	9.1	8.0	7.5 - 9.0	196	7.7	7.6	10	10.4	50	600	1323	300	AA	A		
	245/35 ZR20 95Y XL	680	26.8	246	9.7	8.5	8.0 - 9.5	212	8.3	7.3	9	12.3	50	690	1521	300	AA	A		
	245/40 ZR20 99Y XL	704	27.7	247	9.7	8.5	8.0 - 9.5	216	8.5	8.0	10		50	775	1708	300	AA	A		
	245/45 ZR20 103Y XL	726	28.6	252	9.9	8.0	7.5 - 9.0	211	8.3	7.7	10	13.3	50	875	1929	300	AA	A		
	255/30 ZR20 92Y XL	660	26.0	275	10.8	9.0	8.5 - 9.5	235	9.3	7.7	10		50	630	1388	300	AA	A		
	255/35 ZR20 97Y XL	691	27.2	255	10.1	9.0	8.5 - 10.0	222	8.7	7.3	9	12.6	50	730	1609	300	AA	A		
	255/40 ZR20 101Y XL	711	28.0	258	10.2	9.0	8.0 - 9.5	226	8.9	7.9	10	13.6	50	825	1818	300	AA	A		
275/30 ZR20 97Y XL	573	22.6	277	10.9	9.5	9.0 - 10.0	252	9.9	7.7	10	12.6	50	730	1609	300	AA	A			
275/35 ZR20 102Y XL																		300	AA	A
275/40 ZR20 106Y XL	725	28.5	286	11.3	9.5	9.0 - 11.0	242	9.5	7.9	10	13.9	50	950	2094	300	AA	A			
285/30 ZR20 99Y XL	681	26.8	285	11.2	10.0	9.5 - 10.5	263	10.4	7.6	10	14.3	50	775	1708	300	AA	A			

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**UHP Tires /
Ultimate Performance**

EVOLUZIONE F60



The Evoluzione F60 is Federal's flagship tire for ultra high performance driving with superior responsiveness, expert handling, ultimate tread life, and comfort.

FEATURES

- New silica-infused tread compounds provide outstanding rigidity and enhanced durability.
- Reinforced outer tread blocks provide enhanced traction during intensive driving, plus wear resistance.
- Triple circumferential grooves and inner tread grooves maximize wet traction at high speed.



EVOLUZIONE F60

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG
	mm	inch	mm	inch	inch	inch	mm	inch	mm			x/32'	kg	
Black Sidewall														
19"	235/35 ZR19 91Y XL									50	615	1356	240	AA A
	245/35 ZR19 93Y XL												240	AA A
	255/35 ZR19 96Y XL									12.5	50	710	1565	240 AA A
	255/40 ZR19 100Y XL													240 AA A
	265/30 ZR19 93Y XL													240 AA A
	265/35 ZR19 98Y XL									50	750	1563	240	AA A
	275/30 ZR19 96Y XL													240 AA A
	285/30 ZR19 98Y XL													240 AA A
	285/35 ZR19 101Y XL									13.8	50	875	1929	240 AA A
	20"	235/35 ZR20 92Y XL									11.8	50	630	1389
245/35 ZR20 95Y XL														240 AA A
245/45 ZR20 103Y XL										12.6	50	875	1929	240 AA A
255/35 ZR20 97Y XL														240 AA A
265/35 ZR20 99Y XL														240 AA A
275/35 ZR20 102Y XL														240 AA A
285/30 ZR20 99Y XL														240 AA A
285/35 ZR20 104Y XL														240 AA A
295/30 ZR20 103Y XL										14.6	50	825	1819	240 AA A
305/30 ZR20 103Y XL										14.7	50	875	1929	240 AA A

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Premium Touring

Federal's premium touring tires offer excellent all-season driving pleasure, comfort, safety, and value.



FORMOZA AZ01
FORMOZA FD2
FORMOZA GIO
SUPER STEEL 657
XTRAMILE XR01



HP Tires/
Premium Touring

FORMOZA AZ01



The Formoza AZ01 is a high performance, all-season tire that delivers a luxurious driving experience with wet/dry performance, comfort, and safety.

FEATURES

- Enclosed tread and tire blocks reduce contact noise for comfortable rides.
- Heat dissipation compounds and honeycomb design on sidewall minimize heat generation and rolling resistance for improved fuel efficiency.
- Blade-shaped tread grooves channel water effectively, ensuring safe rides on slippery roads.



Award



FORMOZA AZ01

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG			
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32'			kg	lbs				
Black Sidewall																		
15"	155/60 R15 74H	543	21.4	152	6.0	4.5	4.5 - 5.5	120	4.7	7.5	9	5.6	44	375	827	380	A	A
	165/55 R15 75V	566	22.3	168	6.6	5.0	4.5 - 6.0	133	5.2	7.2	9	6.6	44	387	853	380	A	A
	175/55 R15 77H	578	22.8	180	7.1	5.5	5.0 - 6.0	120	4.7	7.6	10	7.3	44	412	908	380	A	A
	175/65 R15 84H	611	24.1	175	6.9	5.0	5.0 - 6.0	129	5.1	7.9	10	7.6	44	500	1102	380	A	A
	185/55 R15 82H	587	23.1	191	7.5	6.0	5.0 - 6.5	151	5.9	7.9	10	7.9	44	475	1047	380	A	A
	185/60 R15 84H	609	24.0	187	7.4	5.5	5.0 - 6.5	140	5.5	7.9	10	8.1	44	500	1102	380	A	A
	195/50 R15 82V	576	22.7	194	7.6	6.0	5.5 - 7.0	156	6.1	7.9	10	7.8	44	475	1047	380	A	A
	195/55 R15 85V	593	23.3	202	8.0	6.0	5.5 - 7.0	156	6.1	7.6	10	8.5	44	515	1135	380	A	A
	195/60 R15 88H	614	24.2	198	7.8	6.0	5.5 - 7.0	152	6.0	7.9	10	8.1	44	560	1233	380	A	A
	195/65 R15 91V	632	24.9	203	8.0	6.0	5.5 - 7.0	146	5.7	8.1	10	8.8	44	615	1356	380	A	A
	205/50 R15 86V	587	23.1	207	8.1	6.5	5.5 - 7.5	166	6.5	7.9	10	8.8	44	750	1653	380	A	A
	205/55 R15 88V	606	23.9	212	8.3	6.5	5.5 - 7.5	166	6.5	7.9	10	8.4	44	560	1235	380	A	A
	205/60 R15 91V	626	24.6	205	8.1	6.0	5.5 - 7.5	158	6.2	8.1	10	8.8	44	615	1355	380	A	A
	205/65 R15 95H	649	25.6	204	8.0	6.0	5.5 - 7.5	152	6.0	8.2	10	10.0	44	690	1251	380	A	A
16"	165/50 R16 75V	576	22.7	168	6.6	5.0	4.5 - 6.0	133	5.2	7.2	9	6.7	44	387	853	380	A	A
	185/55 R16 83V	611	24.1	192	7.5	6.0	5.0 - 6.5	151	5.9	7.9	10	8.4	44	487	1074	380	A	A
	195/45 R16 84V XL	585	23.0	193	7.6	6.5	6.0 - 7.5	156	6.1	7.9	10	7.9	50	500	1102	380	A	A
	195/50 R16 84V	602	23.7	196	7.7	6.0	5.5 - 7.0	156	6.1	7.9	10	8.1	44	500	1102	380	A	A
	195/55 R16 87V	619	24.4	200	7.9	6.0	5.5 - 7.0	156	6.1	7.9	10	8.6	44	545	1201	380	A	A
	* 195/55 R16 87V	619	24.4	202	7.9	6.0	5.5 - 7.0	156	6.1	7.9	10	12.4	44	545	1201	380	A	A
	195/60 R16 89H	640	25.2	198	7.8	6.0	5.5 - 7.0	152	6.0	7.9	10	9.0	44	580	1279	380	A	A
	205/45 ZR16 87W XL	595	23.4	205	8.1	7.0	6.5 - 7.5	170	6.7	7.7	10	8.7	50	545	1201	380	A	A
	205/50 R16 87V	612	24.1	209	8.2	6.5	5.5 - 7.5	166	6.5	7.9	10	9.3	44	545	1201	380	A	A
	* 205/55 ZRF16 91W	629	24.8	214	8.4	6.5	5.5 - 7.5	176	6.9	7.9	10	14.2	44	615	1356	380	A	A
	205/55 R16 91V	636	25.0	209	8.2	6.5	5.5 - 7.5	176	6.9	7.9	10	9.8	44	615	1356	380	A	A
	205/55 ZR16 94W XL	631	24.8	209	8.2	6.5	5.5 - 7.5	176	6.9	7.9	10	10.0	50	670	1477	380	A	A
	205/60 R16 92V	650	25.6	208	8.2	6.0	5.5 - 7.5	158	6.2	8.1	10	9.3	44	630	1389	380	A	A
	215/55 ZR16 97W XL	645	25.4	224	8.8	7.0	6.0 - 7.5	176	6.9	7.6	10	10.7	50	730	1609	380	A	A
	215/60 R16 99V XL	664	26.1	221	8.7	6.5	6.0 - 7.5	168	6.6	7.6	10	10.1	50	630	1389	380	A	A
	215/65 R16 98H	687	27.0	220	8.7	6.5	6.0 - 7.5	161	6.3	7.6	10	11.0	44	750	1653	380	A	A
	225/50 ZR16 92W	631	24.8	232	9.1	7.0	6.0 - 8.0	181	7.1	7.6	10	10.6	44	630	1388	380	A	A
	225/55 ZR16 99W XL	657	25.9	230	9.1	7.0	6.0 - 8.0	181	7.1	7.6	10	10.8	50	775	1709	380	A	A
	225/60 R16 98V	678	26.7	224	8.8	6.5	6.0 - 8.0	170	6.7	7.3	9	11.3	44	750	1654	380	A	A
17"	* 205/50 ZRF17 91W	640	25.2	214	8.4	6.5	5.5 - 7.5	179	7.0	7.6	10	13.0	44	615	1356	380	A	A
	205/50 ZR17 93W XL	637	25.1	214	8.4	6.5	5.5 - 7.5	179	7.0	7.6	10	10.6	50	650	1433	380	A	A
	205/55 R17 91V	657	25.9	210	8.3	6.5	5.5 - 7.5	166	6.5	7.3	9	10.4	44	615	1356	380	A	A
	215/45 ZR17 91W XL	626	24.6	210	8.3	7.0	7.0 - 8.0	170	6.7	7.6	10	9.5	50	615	1356	380	A	A
	215/50 ZR17 95W XL	649	25.6	221	8.7	7.0	6.0 - 7.5	176	6.9	7.6	10	10.4	50	690	1521	380	A	A
	215/55 R17 94V	666	26.2	225	8.9	7.0	6.0 - 7.5	176	6.9	7.6	10	10.5	44	670	1471	380	A	A
	215/60 R17 96H	690	27.1	219	8.6	6.5	6.0 - 7.5	168	6.6	7.6	10	11.2	44	710	1565	380	A	A
	225/45 ZR17 91W	637	25.1	223	8.8	7.5	7.0 - 8.5	180	7.1	7.7	10	9.9	44	615	1356	380	A	A
	* 225/45 ZRF17 91W	638	25.1	223	8.8	7.5	7.0 - 8.5	180	7.1	7.6	10	12.6	44	615	1356	380	A	A
	* 225/50 ZRF17 94W	663	26.1	236	9.3	7.0	6.0 - 8.0	196	7.7	7.6	10	14.4	44	640	1477	380	A	A
	225/50 ZR17 98W XL	656	25.8	236	9.3	7.0	6.0 - 8.0	196	7.7	7.6	10	11.1	50	750	1653	380	A	A
	225/55 ZR17 101W XL	678	26.7	233	9.2	7.0	6.0 - 8.0	192	7.6	7.9	10	11.6	50	825	1819	380	A	A
	235/45 ZR17 97W XL	647	25.5	231	9.1	8.0	7.5 - 9.0	188	7.4	7.6	10	10.3	50	730	1609	380	A	A
	245/40 ZR17 91W	632	24.9	243	9.6	8.5	8.0 - 9.5	206	8.1	7.0	9	11.1	44	615	1356	380	A	A
	245/45 ZR17 95W	653	25.7	240	9.4	8.0	7.5 - 9.0	194	7.6	7.0	9	11.1	44	690	1521	380	A	A
18"	225/40 ZR18 92W XL	640	25.2	226	8.9	8.0	7.5 - 9.0	190	7.5	7.6	10	10.7	50	630	1389	380	A	A
	225/45 ZR18 95W XL	663	26.1	220	8.7	7.5	7.0 - 8.5	180	7.1	7.6	10	11.0	50	690	1521	380	A	A
	235/40 ZR18 95W XL	647	25.5	238	9.4	8.5	8.0 - 9.5	200	7.9	7.6	10	11.1	50	690	1521	380	A	A
	245/40 ZR18 93W	658	25.9	243	9.6	8.5	8.0 - 9.5	205	8.1	7.0	9	11.6	44	650	1433	380	A	A
	245/45 ZR18 100W XL	679	26.7	240	9.5	8.0	7.5 - 9.0	194	7.6	7.0	9	11.1	44	800	1764	380	A	A

* FRF

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HP Tires/
Premium Touring

FORMOZA FD2



The Formoza FD2 is optimized for confident all-season handling, better fuel efficiency, and a comfortable ride.

FEATURES

- Optimized pattern design reduces noise and vibration for quiet and comfortable rides.
- Reinforced central rib increases straight line stability.
- Wide circumferential grooves enable rapid water channeling and reduced aquaplaning on wet roads.



FORMOZA FD2

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG
	mm	inch	mm	inch	inch	inch	mm	inch	mm	kg	psi	kg	lbs	
Black Sidewall														
14"	155/65 R14 75H	561	22.1	150	5.9	4.5	4.5 - 5.5	119	4.7	7.7	10	5.9	44	387 853 420 A A
	185/60 R14 82H	579	22.8	185	7.3	5.5	5.0 - 6.0	160	6.3	8.1	10	7.5	44	475 1047 420 A A
	185/65 R14 86H	596	23.5	191	7.5	5.5	5.0 - 6.0	160	6.3	8.0	10	7.7	44	530 1168 420 A A
	195/60 R14 86H	591	23.3	200	7.9	6.0	5.5 - 6.5	168	6.6	8.2	10	8.2	44	530 1168 420 A A
15"	195/55 R15 85V	594	23.4	203	8.0	6.0	5.5 - 6.5	174	6.9	8.2	10	8.6	44	515 1135 420 A A
	195/60 R15 88V	614	24.2	202	7.9	6.0	5.5 - 6.5	168	6.6	8.2	10	8.7	44	560 1235 420 A A
	195/65 R15 91V	635	25.0	201	7.9	6.0	5.5 - 6.5	168	6.6	8.1	10	9.7	44	615 1356 420 A A
	205/60 R15 91V	627	24.7	207	8.1	6.0	5.5 - 6.5	175	6.9	8.2	10	10.0	44	615 1356 420 A A
	205/65 R15 95V	647	25.5	210	8.3	6.0	5.5 - 6.5	175	6.9	8.2	10	10.4	44	690 1521 420 A A
	215/60 R15 94V	639	25.1	214	8.4	6.5	6.0 - 7.0	184	7.2	8.4	11	9.9	44	670 1477 420 A A
215/65 R15 96V	661	26.0	221	8.7	6.5	6.0 - 7.5	167	6.6	8.3	10	10.5	44	710 1565 420 A A	
16"	175/60 R16 82H	618	24.3	177	6.9	5.0	4.5 - 5.5	150	5.9	7.9	10	7.8	44	475 1047 420 A A
	205/45 ZR16 87W XL	590	23.2	207	8.2	7.0	6.5 - 7.5	185	7.3	8.3	10	9.1	50	545 1201 420 A A
	205/55 ZR16 94W XL	631	24.8	215	8.5	6.5	6.0 - 7.0	190	7.5	8.3	10	9.6	50	670 1477 420 A A
	205/60 R16 92V	651	25.6	209	8.2	6.0	5.5 - 7.5	165	6.5	8.6	11	9.2	44	630 1389 420 A A
	205/65 R16 95V	672	26.5	209	8.2	6.0	5.5 - 6.5	175	6.9	8.2	10	10.8	44	690 1521 420 A A
	215/55 ZR16 97W XL	640	25.2	229	9.0	7.0	6.5 - 7.5	194	7.6	8.4	11	11.2	50	730 1607 420 A A
	215/60 R16 95V	664	26.1	221	8.7	6.5	6.0 - 7.5	174	6.9	8.4	11	10.5	44	690 1521 420 A A
	215/60 R16 99V XL	664	26.1	221	8.7	6.5	6.0 - 7.5	174	6.9	8.4	11	10.3	50	775 1709 420 A A
	215/65 R16 98V	687	27.0	223	8.8	6.5	6.0 - 7.5	186	7.3	8.3	10	12.0	44	750 1653 420 A A
	225/50 ZR16 96W XL	630	24.8	229	9.0	7.0	6.5 - 7.5	202	8.0	8.4	11	11.3	50	710 1565 420 A A
	225/55 ZR16 99W XL	653	25.7	239	9.4	7.0	6.5 - 7.5	198	7.8	8.4	11	11.3	50	775 1709 420 A A
	225/60 R16 98V	676	26.6	226	8.9	6.5	6.0 - 7.0	190	7.5	8.4	11	11.0	44	750 1653 420 A A
	225/65 R16 100H	701	27.6	226	8.9	6.5	6.0 - 8.0	166	6.5	8.4	11	11.9	44	800 1764 420 A A
	235/60 R16 100H	692	27.3	234	9.2	7.0	6.5 - 8.5	179	7.0	8.3	10	11.0	44	800 1763 420 A A
235/65 R16 103H	712	28.0	243	9.6	7.0	6.5 - 8.5	184	7.2	7.6	10	11.7	44	875 1929 420 A A	
17"	205/50 R17 89V	639	25.1	211	8.3	6.5	5.5 - 7.5	179	7.0	7.6	10	9.4	44	580 1279 420 A A
	205/55 ZR17 95Y XL	658	25.9	214	8.4	6.5	5.5 - 7.5	185	7.3	8.6	11	11.1	50	690 1521 420 A A
	215/40 ZR17 83W	607	23.9	215	8.5	7.5	7.0 - 8.5	180	7.1	7.6	10	8.9	44	487 1073 420 A A
	215/45 ZR17 91W XL	626	24.6	212	8.4	7.0	7.5 - 8.5	209	8.2	8.5	11	9.5	50	615 1356 420 A A
	215/50 ZR17 95W XL	648	25.5	226	8.9	7.0	6.5 - 7.5	195	7.7	8.4	11	11.4	50	690 1521 420 A A
	215/55 ZR17 98W XL	668	26.3	228	9.0	7.0	6.5 - 7.5	194	7.6	8.4	11	11.1	50	750 1653 420 A A
	215/60 R17 96H	689	27.1	223	8.8	6.5	6.0 - 7.0	174	6.9	8.8	11	11.0	44	710 1565 420 A A
	215/65 R17 99H	714	28.1	220	8.7	6.5	6.0 - 7.5	162	6.4	8.3	10	11.9	44	775 1709 420 A A
	225/45 ZR17 94W XL	634	25.0	225	8.9	7.5	7.0 - 8.5	201	7.9	8.4	11	11.4	50	670 1477 420 A A
	225/55 ZR17 101W XL	680	26.8	233	9.2	7.0	6.5 - 7.5	203	8.0	8.4	11	12.0	50	825 1819 420 A A
	225/60 R17 99H	709	27.9	219	8.6	6.5	6.0 - 8.0	178	7.0	8.2	10	12.0	44	775 1078 420 A A
	235/45 ZR17 97W XL	644	25.4	235	9.3	8.0	7.5 - 8.5	209	8.2	8.5	11	11.5	50	730 1609 420 A A
	235/50 ZR17 96W	667	26.3	247	9.7	7.5	7.0 - 8.0	212	8.3	8.6	11	12.3	44	710 1565 420 A A
	235/55 ZR17 103W XL	691	27.2	249	9.8	7.5	7.0 - 8.0	208	8.2	8.4	11	12.4	50	875 1929 420 A A
245/45 ZR17 95W	652	25.7	238	9.4	8.0	7.5 - 9.0	201	7.9	7.0	9	10.1	44	690 1521 420 A A	
18"	215/40 ZR18 85W	628	24.7	222	8.8	7.5	7.0 - 8.0	198	7.8	8.3	10	10.4	44	515 1135 420 A A
	215/45 ZR18 93W XL	654	25.8	212	8.3	7.0	6.5 - 7.5	190	7.5	8.4	11	9.8	50	650 1433 420 A A
	225/40 ZR18 92W XL	637	25.1	231	9.1	8.0	7.5 - 8.5	208	8.2	8.1	10	11.4	50	630 1389 420 A A
	225/45 ZR18 95W XL	659	25.9	228	9.0	7.5	7.0 - 8.0	201	7.9	8.5	11	11.3	50	690 1521 420 A A
	225/50 ZR18 95W	688	27.1	228	9.0	7.0	6.0 - 8.0	180	7.1	7.9	10	11.7	44	690 1521 420 A A
	225/60 R18 100H	729	28.7	229	9.0	6.5	6.0 - 8.0	170	6.7	8.3	10	12.2	44	800 1764 420 A A
	235/55 R18 100V	715	28.1	246	9.7	7.5	6.5 - 8.5	201	7.9	8.3	10	13.5	44	800 1763 420 A A
	245/45 ZR18 96W	678	26.7	240	9.4	8.0	7.5 - 9.0	201	7.9	7.0	9	11.4	44	710 1565 420 A A
19"	245/40 ZR19 98W XL	680	26.8	249	9.8	8.5	8.0 - 9.0	225	8.8	8.2	10	12.8	50	750 1653 420 A A
	255/40 ZR19 100Y XL	687	27.0	260	10.2	9.0	8.5 - 9.5	236	9.3	8.2	10	13.8	50	800 1764 420 A A
20"	225/30 ZR20 85W XL	645	25.4	228	9.0	8.0	7.5 - 8.5	211	8.3	8.1	10	10.3	50	515 1135 420 A A
	225/35 ZR20 95W XL	666	26.2	226	8.9	8.0	7.5 - 8.5	208	8.2	8.0	10	11.2	50	690 1521 420 A A
	245/30 ZR20 90W XL	658	25.9	244	9.6	8.5	8.0 - 9.0	225	8.8	8.2	10	11.4	50	600 1323 420 A A
245/35 ZR20 95W XL	680	26.8	249	9.8	8.5	8.0 - 9.0	228	9.0	8.2	10	11.8	50	690 1521 420 A A	

These data can be changed by the manufacturer without prior notice and differently applied by regions.

PCR Tires/
Premium Touring

FORMOZA GIO



Engineered for maximum fuel efficiency, the low-rolling-resistance Formoza GIO provides all-season traction and comfortable rides.

FEATURES

- Enclosed tread and tire blocks reduce contact noise for comfortable rides.
- Heat dissipation compounds and honeycomb design on sidewall minimize heat generation and rolling resistance for improved fuel efficiency.
- Blade-shaped tread grooves channel water effectively, ensuring safe rides on slippery roads.



FORMOZA GIO

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTQG					
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"			kg	psi		kg	lbs			
Black Sidewall																				
13"	155/65 R13	73T	534	21.0	152	6.0	4.5	4.5 - 5.5	114	4.5	6.2	8	5.5	44	365	804	420	A	A	
	155/70 R13	75T	547	21.5	153	6.0	4.5	4.0 - 5.0	113	4.4	7.3	9	5.5	44	387	853	420	A	A	
	155/80 R13	79T	577	22.7	159	6.2	4.5	4.0 - 5.0	113	4.4	7.0	9	6.3	44	437	963	420	A	A	
	165/65 R13	77H	546	21.5	168	6.6	5.0	4.5 - 6.0	124	4.9	6.2	8	6.1	44	412	908	420	A	A	
	165/70 R13	79T	560	22.0	165	6.5	5.0	4.0 - 5.5	122	4.8	7.3	9	6.1	44	437	963	420	A	A	
	175/65 R13	80T	556	21.9	177	7.0	5.0	5.0 - 6.0	128	5.0	7.2	9	6.2	44	450	992	420	A	A	
14"	175/70 R13	82H	575	22.6	175	6.9	5.0	4.5 - 6.0	127	5.0	7.5	9	6.7	44	475	1047	420	A	A	
	165/55 R14	69V	530	20.9	163	6.4	5.0	4.5 - 5.5	126	5.0	7.3	9	5.7	44	325	717	420	A	A	
	165/55 R14	72V	538	21.2	171	6.7	5.0	4.5 - 6.0	133	5.2	7.3	9	6.1	44	355	783	420	A	A	
	165/60 R14	75H	558	22.0	165	6.5	5.0	4.5 - 6.0	122	4.8	6.6	8	5.9	44	387	853	420	A	A	
	165/65 R14	79T	575	22.6	168	6.6	5.0	4.5 - 6.0	124	4.9	6.2	8	6.2	44	437	963	420	A	A	
	165/70 R14	81T	584	23.0	166	6.5	5.0	4.0 - 5.5	120	4.7	7.3	9	6.5	44	462	1018	420	A	A	
	175/60 R14	79H	564	22.2	176	6.9	5.0	5.0 - 6.0	127	5.0	7.0	9	6.5	44	437	963	420	A	A	
	175/65 R14	82H	582	22.9	176	6.9	5.0	5.0 - 6.0	128	5.0	7.2	9	6.8	44	475	1047	420	A	A	
	175/65 R14	86T XL																		
	175/70 R14	82H	575	22.6	175	6.9	5.0	4.5 - 6.0	127	5.0	7.5	9	6.8	44	475	1047	420	A	A	
	175/70 R14	84H	599	23.6	175	6.9	5.0	4.5 - 6.0	125	4.9	7.5	9	6.7	44	500	1102	420	A	A	
	15"	185/60 R14	82H	578	22.8	189	7.4	5.5	5.0 - 6.5	136	5.4	7.4	9	6.6	44	475	1047	420	A	A
185/65 R14		86H	598	23.5	191	7.5	5.5	5.0 - 6.5	138	5.4	7.2	9	7.3	44	530	1168	420	A	A	
185/70 R14		88H	612	24.1	186	7.3	5.5	4.5 - 6.0	134	5.3	7.9	10	7.4	44	560	1234	420	A	A	
195/65 R14		89H	609	24.0	199	7.8	6.0	5.5 - 7.0	144	5.7	7.2	9	7.8	44	580	1278	420	A	A	
195/70 R14		91H	626	24.6	197	7.7	6.0	5.0 - 6.5	142	5.6	7.9	10	8.5	44	615	1355	420	A	A	
165/45 R15		68V	533	21.0	164	6.4	5.5	5.0 - 6.0	137	5.4	7.3	9	6.0	44	315	694	420	A	A	
165/50 R15		73V	552	21.7	164	6.4	5.0	4.5 - 6.0	133	5.2	7.2	9	6.5	44	365	805	420	A	A	
185/60 R15		84H	609	24.0	187	7.4	5.5	5.0 - 6.5	140	5.5	7.9	10	7.7	44	500	1102	420	A	A	
185/65 R15		88H	626	24.6	190	7.5	5.5	5.0 - 6.5	138	5.4	7.2	9	7.7	44	560	1234	420	A	A	
195/60 R15		88H	621	24.4	197	7.7	6.0	5.5 - 7.0	144	5.7	7.4	9	8.2	44	560	1234	420	A	A	
195/65 R15		91H	633	24.9	199	7.8	6.0	5.5 - 7.0	144	5.7	7.2	9	8.3	44	615	1355	420	A	A	
195/65 R15		95T XL	632	24.9	204	8.0	6.0	5.5 - 7.0	144	5.7	7.2	9	9.3	50	690	1521	420	A	A	
16"	205/60 R15	91H	629	24.8	208	8.2	6.0	5.5 - 7.5	150	5.9	7.7	10	8.6	44	615	1355	420	A	A	
	205/65 R15	95H	648	25.5	209	8.2	6.0	5.5 - 7.0	150	5.9	7.6	10	9.9	44	690	1521	420	A	A	
	215/65 R15	96H	659	25.9	221	8.7	6.5	6.0 - 7.5	160	6.3	7.6	10	9.8	44	710	1565	420	A	A	
	225/60 R15	96V	651	25.6	222	8.8	6.5	6.0 - 8.0	173	6.8	8.0	10	10.6	44	710	1565	420	A	A	
	205/60 R16	92H	657	25.9	204	8.0	6.0	5.5 - 7.5	150	5.9	7.7	10	9.6	44	630	1388	420	A	A	
	215/60 R16	95H	668	26.3	218	8.6	6.5	6.0 - 7.5	167	6.6	7.7	10	10.0	44	690	1521	420	A	A	
	225/60 R16	98H	673	26.5	227	8.9	6.5	6.0 - 8.0	173	6.8	8.0	10	11.3	44	750	1653	420	A	A	

These data can be changed by the manufacturer without prior notice and differently applied by regions.

FORMOZA GIO PLUS (Widened Tread)

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTQG				
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"			kg	psi		kg	lbs		
Black Sidewall																			
13"	165/65 R13	77H	543	21.4	170	6.7	5.0	4.5 - 6.0	144	5.7	6.2	8	6.0	44	412	908	420	A	A
	175/60 R13	77H	541	21.3	175	6.9	5.0	5.0 - 6.0	142	5.6	7.0	9	6.1	44	412	908	420	A	A
	205/60 R13	86H/87H	574	22.6	207	8.2	6.0	5.5 - 7.5	168	6.6	7.7	10	7.7	44	545	1201	420	A	A
14"	205/60 R14	88H/89H	601	23.7	208	8.2	6.0	5.5 - 7.5	168	6.6	7.7	10	8.2	44	580	1278	420	A	A
15"	205/60 R15	91H	627	24.7	208	8.2	6.0	5.5 - 7.5	168	6.6	7.7	10	8.8	44	615	1355	420	A	A
16"	205/50 R16	87V	610	24.0	211	8.3	6.5	5.5 - 7.5	186	7.3	7.9	10	9.2	44	545	1201	420	A	A

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PCR Tires/
Premium Touring

SUPER STEEL 657



The Super Steel 657 delivers passenger car drivers smooth driving, tranquility, and long tread life.

FEATURES

- Optimized pattern design reduces noise and vibration for quiet and comfortable rides.
- Wide circumferential grooves enable rapid water channeling and reduced aquaplaning on wet roads.
- Excellent all-around, wet and dry performance, plus long tread life for highway and everyday driving.



SUPER STEEL 657

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG						
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"			kg	psi		kg	lbs				
Outlined White Letter																					
16"	225/60	R16	105H	XL	678	26.7	226	8.9	6.5	6.0 - 7.0	184	7.2	8.7	11	11.9	50	925	2039	420	A	A
Black Sidewall																					
12"	155/80	R12	77T		554	21.8	160	6.3	4.5	4.0 - 5.5	107	4.2	7.2	9	5.8	44	412	908	420	A	A
13"	155/65	R13	73T		532	20.9	158	6.2	4.5	4.5 - 5.5	121	4.8	7.7	10	5.7	44	365	805	420	A	A
	165/65	R13	77T		545	21.5	160	6.3	5.0	4.5 - 6.0	124	4.9	7.6	10	6.3	44	412	908	420	A	A
	175/60	R13	77H		542	21.4	171	6.7	5.0	4.5 - 5.5	140	5.5	7.6	10	6.4	44	412	908	420	A	A
	175/65	R13	80T		557	21.9	176	6.9	5.0	5.0 - 6.0	130	5.1	7.7	10	6.7	44	450	992	420	A	A
14"	175/70	R13	82T		581	22.9	173	6.8	5.0	4.5 - 5.5	127	5.0	7.7	10	7.0	44	475	1047	420	A	A
	165/65	R14	79T		569	22.4	160	6.3	5.0	4.5 - 6.0	124	4.9	7.6	10	6.7	44	437	963	420	A	A
	175/65	R14	82T		584	23.0	176	6.9	5.0	5.0 - 6.0	136	5.4	7.7	10	6.8	44	475	1047	420	A	A
	175/65	R14	86T XL		584	23.0	176	6.9	5.0	5.0 - 6.0	136	5.4	7.7	10	7.3	50	530	1168	420	A	A
	175/70	R14	84T		600	23.6	179	7.0	5.0	4.5 - 6.0	124	4.9	7.8	10	7.5	44	500	1102	420	A	A
	185/60	R14	82H		581	22.9	184	7.2	5.5	5.0 - 6.0	148	5.8	8.0	10	7.3	44	475	1047	420	A	A
	185/65	R14	86T		595	23.4	185	7.3	5.5	5.0 - 6.5	146	5.7	8.2	10	7.6	44	530	1168	420	A	A
	185/65	R14	86H		595	23.4	185	7.3	5.5	5.0 - 6.5	146	5.7	7.6	10	7.9	44	530	1168	420	A	A
15"	185/70	R14	88T		620	24.4	191	7.5	5.5	4.5 - 6.0	132	5.2	7.9	10	7.7	44	560	1235	420	A	A
	195/60	R14	86H		590	23.2	190	7.5	6.0	5.5 - 6.5	156	6.1	7.9	10	7.5	44	530	1168	420	A	A
	195/65	R14	89H		611	24.0	196	7.7	6.0	5.5 - 6.5	152	6.0	8.2	10	8.3	44	580	1279	420	A	A
	195/70	R14	91T		632	24.9	208	8.2	6.0	5.0 - 6.5	138	5.4	8.1	10	8.6	44	615	1355	420	A	A
	205/60	R14	89H		605	23.8	202	8.0	6.0	5.5 - 6.5	164	6.5	8.3	10	8.3	44	580	1279	420	A	A
	215/65	R14	94H		638	25.1	218	8.6	6.5	6.0 - 7.0	167	6.6	8.5	11	10.2	44	670	1477	420	A	A
	165/80	R15	87T		644	25.4	168	6.6	4.5	4.0 - 5.5	114	4.5	7.8	10	8.3	44	545	1201	420	A	A
	185/60	R15	84H		607	23.9	184	7.2	5.5	5.0 - 6.0	148	5.8	8.0	10	7.9	44	500	1102	420	A	A
	185/65	R15	88H		623	24.5	185	7.3	5.5	5.0 - 6.0	144	5.7	8.1	10	8.4	44	560	1235	420	A	A
	195/60	R15	88H		615	24.2	202	8.0	6.0	5.5 - 6.5	156	6.1	7.9	10	8.3	44	560	1234	420	A	A
	195/65	R15	91T		636	25.0	201	7.9	6.0	5.5 - 7.0	145	5.7	8.2	10	9.0	44	615	1355	420	A	A
	195/65	R15	91H		636	25.0	201	7.9	6.0	5.5 - 7.0	145	5.7	8.2	10	8.6	44	615	1355	420	A	A
195/65	R15	95T XL		636	25.0	201	7.9	6.0	5.5 - 7.0	145	5.7	8.2	10	9.4	50	690	1521	420	A	A	
205/60	R15	91H		628	24.7	206	8.1	6.0	5.5 - 6.5	168	6.6	8.4	11	9.2	44	615	1356	420	A	A	
205/65	R15	95H		647	25.5	205	8.1	6.0	5.5 - 6.5	162	6.4	8.0	10	9.7	44	690	1521	420	A	A	
P205/65	R15	95T XL		647	25.5	208	8.2	6.0	5.5 - 6.5	160	6.3	8.1	10	9.7	51	690	1521	420	A	A	
215/60	R15	94H		642	25.3	218	8.6	6.5	6.0 - 7.0	172	6.8	8.5	11	9.9	44	670	1477	420	A	A	
215/65	R15	96H		663	26.1	216	8.5	6.5	6.0 - 7.0	167	6.6	8.5	11	10.4	44	710	1565	420	A	A	
225/60	R15	96H		651	25.6	223	8.8	6.5	6.0 - 7.0	180	7.1	8.6	11	10.5	44	710	1565	420	A	A	
16"	205/60	R16	92H		653	25.7	203	8.0	6.0	5.5 - 6.5	164	6.5	8.4	11	9.4	44	630	1389	420	A	A
	215/60	R16	95H		664	26.2	221	8.7	6.5	6.0 - 7.0	172	6.8	8.6	11	10.5	44	690	1521	420	A	A
	215/65	R16	98H		686	27.0	219	8.6	6.5	6.0 - 7.5	160	6.3	7.9	10	10.2	44	750	1653	420	A	A
	225/60	R16	98H		678	26.7	228	9.0	6.5	6.0 - 8.0	184	7.2	8.7	11	11.7	44	750	1653	420	A	A
235/60	R16	100H		691	27.2	236	9.3	7.0	6.5 - 7.5	187	7.4	8.8	11	11.9	44	800	1764	420	A	A	

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PCR Tires/
Premium Touring

XTRAMILE XR01



The Xtramile XR01 is a versatile touring tire providing all-season handling, comfort, long tread life, and fuel efficiency.

FEATURES

- Advance wear-resistant compounds and extra tread thickness offer prolonged tire life.
- Reinforced steel tire cord and high-grip compounds deliver exceptional control and traction.
- Optimized pattern design reduces noise and vibration for quiet and comfortable rides.
- Dual layers of polyester carcass plies and strengthened sidewalls provide excellent resistance and durability.



XTRAMILE XR01

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTQG		
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"			kg	psi		kg	lbs
Black Sidewall																	
13"	145/80 R13 75T	563	22.2	143	5.6	4.0	3.5 - 4.5	102	4.0	6.5	8.2	5.4	44	387	853	300	A B
	155/65 R13 73T	534	21.0	156	6.1	4.5	4.0 - 5.5	113	4.4	6.1	7.7	5.6	44	365	805	300	A B
	165/65 R13 77H	543	21.4	174	6.9	5.0	4.0 - 5.5	144	5.7	9.2	11.6	6.9	44	412	908	620	A B
	165/70 R13 79T	560	22.0	173	6.8	5.0	4.5 - 5.5	136	5.4	8.9	11.2	7.1	44	437	963	620	A B
14"	175/70 R13 82T	574	22.6	188	7.4	5.0	4.5 - 5.5	141	5.6	9.3	11.7	7.4	44	475	1047	620	A B
	155/65 R14 75H	561	22.1	155	6.1	4.5	4.0 - 5.0	162	6.4	6.3	7.9	6.0	44	387	853	300	A B
	165/55 R14 72V	539	21.2	172	6.8	5.0	5.5 - 6.5	195	7.7	7.5	9.4	6.2	44	355	783	300	A B
	165/70 R14 81T	585	23.0	176	6.9	5.0	4.5 - 5.5	136	5.4	9.0	11.3	7.7	44	462	1019	620	A B
	175/65 R14 82H	579	22.8	182	7.2	5.0	4.5 - 5.5	128	5.0	9.3	11.7	7.3	44	475	1047	620	A B
	175/80 R14 88T	640	25.2	179	7.1	5.0	4.5 - 5.5	127	5.0	7.8	9.8	8.3	44	560	1235	620	A B
	185/60 R14 82H	577	22.7	189	7.4	5.5	5.0 - 6.0	155	6.1	9.1	11.5	7.8	44	475	1047	620	A B
15"	195/60 R14 86H	589	23.2	201	7.9	6.0	5.5 - 6.5	165	6.5	9.0	11.3	8.4	44	530	1168	620	A B
	185/65 R15 88H	621	24.5	195	7.7	5.5	5.0 - 6.0	160	6.3	8.8	11.1	8.9	44	560	1235	620	A B
	195/55 R15 85V	594	23.4	204	8.0	6.0	5.5 - 6.5	174	6.9	9.1	11.5	9.0	44	515	1135	620	A B
	195/60 R15 88H	614	24.2	211	8.3	6.0	5.5 - 6.5	165	6.5	9.3	11.7	8.9	44	560	1235	620	A B
	195/65 R15 91H	633	24.9	208	8.2	6.0	5.5 - 6.5	170	6.7	9.1	11.5	10.1	44	615	1356	620	A B
	205/60 R15 91H	626	24.7	208	8.2	6.0	5.5 - 6.5	171	6.7	9.3	11.7	9.7	44	615	1356	620	A B
205/65 R15 95H	646	25.4	212	8.3	6.0	5.5 - 6.5	176	6.9	8.5	10.7	10.7	44	690	1521	620	A B	

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Adventure Exploring

Federal's versatile SUV and 4X4 tires offer ultimate traction and steering control to handle on-road or off-road expeditions.



- XPLORA M/T
- XPLORA M/T
- XPLORA A/T
- COURAGIA F/X
- COURAGIA XUV
- COURAGIA M/T
- COURAGIA A/T

4x4 & SUV Tires / Adventure Exploring

XPLORA MTS



The Xplora MTS appeals to swag pickup tuning enthusiasts who crave for center of attention and sporty driving performance!

FEATURES

- Bulky armor-appearance tread patterns and high-intensity compounds accentuate menacing looks, with outstanding steering and control.
- Linear, unidirectional grooves allow for swift water dispersion and quiet rides.
- Subtle V-shaped grooves and sleek sidewalls achieve the perfect balance of ruggedness and looks.
- Reinforced compounds and construction contribute to enhanced durability.



Award _____



reddot award 2018
winner

XPLORA MTS

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width	Tread Depth	Weight	Max. Air Pressure	Max. Load	
		mm	inch	mm	inch	inch	inch	mm	inch		mm	psi	kg
Black Sidewall													
20"	35X12.50	R20LT	121Q	10									
22"	35X12.50	R22LT	117Q	10									
	37X12.50	R22LT	127Q	10									
	37X13.50	R22LT	123Q	10									
	40X15.50	R22LT	128Q	10									
24"	35X12.50	R24LT	114Q	10									
	37X13.50	R24LT	120Q	10									
	38X15.50	R24LT	127P	10									
	40X15.50	R24LT	128P	10									
	42X15.50	R24LT	130Q	8									

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4x4 & SUV Tires / Adventure Exploring

XPLORA M/T



Federal's all-new Xplora M/T dominates all terrain, pushing you through gravel trails and muddy bogs with ferocious looks, exceptional traction, safety, and tranquility.

FEATURES

- Wild, hook-shaped tread design provides increased driving force while eliminating tire block deformation for elevated off-road grip.
- Staggered shoulder blocks not only deliver even more ferocious looks but also expel sludge and snow effectively for maximum off-road traction.
- Next-gen, high-tensile compounds lead to comprehensive resistance against cracks and fatigue, cuts and chips, and rubber deterioration and aging for improved safety and durability.
- Tie bar, multi-pitch tread designs, plus randomized tread block size and shape contribute to a quieter drive.



XPLORA M/T

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load				
		mm	inch	mm	inch			mm	inch				mm	inch	kg	lbs	
Black Sidewall																	
18"	LT275/70 R18	125P	10														
	LT285/70 R18	127/124Q	10	863	34.0	308	12.1	8.5	7.5 - 9.5	220	8.7	15.0	19	29.4	80	1700/1550	3750/3415
	LT305/60 R18	121Q	10	826	32.5	325	12.8	9.0	8.5 - 11.0	252	9.9	20.0	16	35.8	65	1450/1320	3195/2910
	LT315/70 R18	127/124Q	10	905	35.6	331	13.0	9.5	8.0 - 11.0	252	9.9	16.1	20	34.5	65	1750/1600	3860/3525
	LT325/65 R18	127N	10														
	37X13.50 R18LT	124Q	10	932	36.7	367	14.5	11.0	8.5 - 11.0	273	10.7	16.0	20	41.1	50	1600	3525
20"	LT275/65 R20	126P	10	871	34.3	294	11.6	8.0	7.5 - 9.0	220	8.7	15.0	19	29.5	80	1700/1550	3750/3415
	LT295/55 R20	123/120P	10														
	LT295/65 R20	129/126P	10														
	38X13.50 R20LT	124N	10														
22"	33X12.50 R22LT	109Q	10	833	32.8	318	12.5	10.0	8.5 - 11.0	258	10.2	15.0	19	30.4	65	1030	2270
	35X12.50 R22LT	117Q	10	882	34.7	323	12.7	10.0	8.5 - 11.0	254	10.0	16.0	20	34.0	65	1285	2835
	37X13.50 R22LT	123Q	10	933	36.7	352	13.9	11.0	8.5 - 11.0	273	10.7	16.0	20	36.8	65	1550	3415
24"	37X13.50 R24LT	120Q	10	933	36.7	342	13.5	11.0	8.5 - 11.0	273	10.7	16.0	20	39.2	65	1400	3085

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4x4 & SUV Tires / Adventure Exploring

XPLORA A/T



The all-new Xplora A/T is your ideal all-terrain tire for SUVs and light trucks for its perfect combination of both on-/off-road handling, durability, and quiet rides.

FEATURES

- Next-gen compounds help improve durability and longevity while stone ejectors prevent sharp stones from attaching to the tire's tread surface and penetrating the tire structure.
- Four main grooves with straight and jagged designs and slanted lateral grooves effectively disperse water for improved wet traction.
- Optimized contact patch with centralized biting sipes not only improves driving comfort, but also increases tire rigidity, steering stability, and water dispersion.
- Tie bar in shoulder areas reduces noise for comfortable rides at high speed.



M+S

XPLORA A/T

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTQG
		mm	inch	mm	inch	inch	inch	mm	inch	mm			x/32"	kg	
Black Sidewall															
15"	LT215/75	R15	100/97Q												
	LT235/75	R15	104/101Q												
	30x9.50	R15LT	104Q												
	31x10.50	R15LT	109Q												
16"	P215/70	R16	100T												
	P225/70	R16	101S												
	P235/70	R16	106S												
	P245/70	R16	112S XL												
	P255/70	R16	111S												
	LT245/70	R16	118/115R			10									
	LT265/70	R16	121/118R			10									
	LT225/75	R16	115/112Q			10									
	P225/75	R16	104T												
	LT245/75	R16	120/116Q			10									
	P245/75	R16	109Q												
	P265/75	R16	116S												
	LT265/75	R16	123/120Q			10									
	LT285/75	R16	126/123Q			10									
P205/80	R16	104S XL													
LT215/85	R16	115/112Q			10										
LT235/85	R16	120/116Q			10										
17"	P245/65	R17	112S												
	P265/65	R17	112S												
	LT225/70	R17	116/114R			10									
	P245/70	R17	110T												
	P265/70	R17	115S												
	LT235/80	R17	120/117R			10									
	LT245/70	R17	119/116Q			10									
LT245/75	R17	121/118Q			10										
LT265/65	R17	120/117S			10										
LT265/70	R17	121/118Q			10										
LT285/70	R17	121/118S			8										
18"	LT275/65	R18	123/120Q			10									
	P265/70	R18	116S												
	LT275/70	R18	125/122R			10									
20"	P275/55	R20	111T												
	P275/60	R20	115S												
	LT275/65	R20	126/123S			10									
	33x12.50	R20LT	114S			10									
35x12.50	R20LT	121Q			10										

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4x4 & SUV Tires /
Adventure Exploring

COURAGIA F/X



The Couragia F/X is designed to deliver pure driving excitement and dynamic, sporty performance to LSUV drivers.

FEATURES

- Four main grooves enhance water dispersion to elevate stability and handling against aquaplaning.
- Center rib directs on-centered momentum, providing comfort and reduced tire wear.
- Reinforced outer tread blocks provide enhanced traction during intensive driving, with superior wear resistance.
- Optimized pattern design helps provide traction and reduce noise.



COURAGIA F/X

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG		
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"			kg	psi		kg	lbs
Black Sidewall																	
17"	235/65 R17 108V XL	734	28.9	240	9.4	7.0	6.5 - 7.5	191	7.5	8.3	10	13.6	50	1000	2205	320	A A
	275/55 R17 109V															320	A A
18"	225/65 R18 103H	755	29.7	221	8.7	6.5	6.0 - 8.0	176	6.9	8.0	10	12.5	44	875	1929	320	A A
	235/50 R18 97V	696	27.4	238	9.4	7.5	6.5 - 8.5	195	7.7	7.7	10	12.3	44	730	1609	320	A A
	235/60 R18 107V XL	733	28.9	240	9.4	7.0	6.5 - 7.5	203	8.0	8.3	10	14.0	50	975	2150	320	A A
	255/45 R18 99V	690	27.1	251	9.9	8.5	8.0 - 9.0	211	8.3	8.2	10	13.8	44	775	1709	320	A A
	255/55 ZR18 109Y XL	736	29.0	279	11.0	8.0	7.5 - 8.5	240	9.4	8.3	10	15.5	50	1030	2270	320	A A
19"	235/50 R19 99V	721	28.4	242	9.5	7.5	6.5 - 8.5	196	7.7	7.7	10	13.3	44	775	1709	320	A A
	235/55 ZR19 105W XL	742	29.2	243	9.6	7.5	6.5 - 8.5	208	8.2	7.7	10	14.6	50	925	2039	320	A A
	245/55 R19 103V	755	29.7	246	9.7	7.5	7.0 - 8.5	215	8.5	7.7	10	15.6	44	875	1929	320	A A
	255/50 ZR19 107W XL	737	29.0	260	10.2	8.0	7.5 - 8.5	226	8.9	8.3	10	15.4	50	975	2150	320	A A
	255/55 R19 111V XL	769	30.3	263	10.4	8.0	7.0 - 9.0	225	8.9	7.7	10	16.7	50	1090	2403	320	A A
	265/50 R19 110V XL	753	29.6	271	10.7	8.5	7.5 - 9.5	222	8.7	7.8	10	14.6	50	1060	2337	320	A A
	275/45 ZR19 108Y XL	736	29.0	268	10.6	9.0	8.5 - 10.5	227	8.9	8.2	10	15.5	50	1000	2205	320	A A
	275/55 R19 111V	789	31.1	284	11.2	8.5	7.5 - 9.5	241	9.5	7.7	10	17.8	44	1090	2403	320	A A
	285/45 ZR19 111W XL	739	29.1	285	11.2	9.5	9.0 - 10.5	238	9.4	8.1	10	15.8	50	1090	2403	320	A A
20"	255/40 ZR20 101Y XL	711	28.0	263	10.3	9.0	8.5 - 10.0	212	8.3	7.7	10	13.8	50	825	1819	320	A A
	255/45 R20 105V XL	740	29.1	249	9.8	8.5	8.5 - 10.0	211	8.3	8.2	10	15.0	50	925	2039	320	A A
	265/45 R20 108H XL	750	29.5	265	10.4	9.0	8.5 - 10.0	221	8.7	8.2	10	14.2	50	1000	2205	320	A A
	265/50 R20 112V XL	774	30.5	274	10.8	8.5	7.5 - 9.5	222	8.7	7.7	10	17.6	50	1120	2469	320	A A
	275/40 ZR20 106W XL	726	28.6	275	10.8	9.5	9.0 - 10.0	225	8.9	8.3	10	15.5	50	950	2095	320	A A
	275/45 R20 110V XL	755	29.7	269	10.6	9.0	8.5 - 10.0	228	9.0	7.6	10	16.2	50	1060	2337	320	A A
	275/55 R20 117V XL	813	32.0	280	11.0	8.5	7.5 - 9.5	226	8.9	8.0	10	19.0	50	1285	2833	320	A A
	275/60 R20 119V XL	840	33.1	270	10.6	8.0	7.5 - 9.5	220	8.7	8.3	10	19.4	50	1360	2998	320	A A
	285/50 R20 116V XL	797	31.4	291	11.4	9.0	8.0 - 10.0	237	9.3	8.2	10	18.4	50	1250	2756	320	A A
	295/40 R20 106V															320	A A
	295/45 R20 114V XL	777	30.6	301	11.8	10.0	9.5 - 11.0	246	9.7	8.6	11	17.6	50	1180	2601	320	A A
	305/50 R20 120V XL	816	32.1	316	12.4	9.5	8.5 - 11.0	250	9.8	8.2	10	20.2	50	1400	3086	320	A A
	315/35 ZR20 106W	726	28.6	322	12.7	11.0	10.5 - 12.5	141	5.6	7.5	9	17.5	44	950	2094	320	A A
21"	295/35 ZR21 107Y XL	740	29.1	294	11.6	10.5	10.0 - 11.5	260	10.2	7.1	9	16.9	50	975	2150	320	A A
	295/40 ZR21 111W XL	770	30.3	297	11.7	10.5	10.0 - 11.5	247	9.7	7.7	10	16.9	50	1090	2403	320	A A
22"	265/35 ZR22 102W XL	745	29.3	268	10.6	9.5	9.0 - 10.0	238	9.4	8.0	10	16.6	50	850	1874	320	A A
	265/40 R22 106V XL	775	30.5	268	10.5	9.5	9.0 - 10.5	221	8.7	7.7	10	15.2	50	950	2094	320	A A
	275/45 R22 112V XL	812	32.0	263	10.4	9.0	8.5 - 10.5	226	8.9	7.6	10	16.9	50	1120	2469	320	A A
	285/35 ZR22 106W XL	761	30.0	284	11.2	10.0	9.5 - 11.0	254	10.0	7.4	9	17.2	44	950	2094	320	A A
	285/45 R22 114V XL	820	32.3	282	11.1	9.5	9.0 - 10.5	237	9.3	8.6	11	19.1	50	1180	2601	320	A A
	295/30 ZR22 103W XL	741	29.2	299	11.8	10.5	10.0 - 11.5	273	10.7	7.6	10	16.9	50	875	1929	320	A A
	305/40 R22 114V XL	803	31.6	309	12.1	11.0	10.0 - 12.0	256	10.1	7.7	10	19.7	50	1180	2601	320	A A
	305/45 R22 118V XL	832	32.8	301	11.9	10.0	9.5 - 11.5	251	9.9	8.6	11	21.0	50	1320	2910	320	A A
24"	305/35 R24 112V XL															320	A A

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4x4 & SUV Tires / Adventure Exploring

COURAGIA XUV



The Couragia XUV delivers premium SUV drivers superb handling, all-season traction, and comfort.

FEATURES

- Four circumferential grooves enable maximum water dispersion.
- Optimal tread design delivers better grip with increased contact with the road surface.
- Optimized patterns and sipes help provide traction and reduce noise.
- Reinforced central rib delivers straight line stability at high speed.



COURAGIA XUV

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTOG	
		mm	inch	mm	inch		inch	inch	mm	inch				mm	inch		kg
Outlined White Letter																	
16"	LT245/75 R16 120/116S	10	773	30.4	248	9.8	7.0	6.5 - 8.0	188	7.4	11.0	14	19.3	80	1400/1260	3086/2778	
17"	LT265/70 R17 121/118S	10	805	31.7	270	10.6	8.0	7.0 - 8.5	206	8.1	11.0	14	22.3	80	1450/1120	3196/2469	
Black Sidewall																	
15"	P205/70 R15 96H		669	26.3	207	8.2	6.0	5.0 - 7.0	161	6.3	8.6	11	11.7	44	710	1565	440 A A
	P255/70 R15 112H XL		742	29.2	254	10.0	7.5	6.5 - 8.5	189	7.4	8.8	11	15.4	50	1120	2469	440 A A
	P265/70 R15 112H		755	29.7	264	10.4	8.0	7.0 - 9.0	198	7.8	8.8	11	16.3	44	1120	2469	440 A A
16"	P215/65 R16 98H		688	27.1	222	8.7	6.5	6.0 - 7.0	168	6.6	8.3	10	11.9	44	750	1653	440 A A
	P215/70 R16 100H		708	27.9	225	8.8	6.5	5.5 - 7.0	179	7.0	8.9	11	12.6	44	800	1764	440 A A
	P225/70 R16 103H		725	28.6	230	9.0	6.5	6.0 - 7.5	166	6.5	8.6	11	12.9	44	875	1929	440 A A
	LT225/75 R16 115/112S	10	745	29.3	220	8.7	6.0	6.0 - 7.0	169	6.7	11.0	14	17.0	80	1215/1120	2678/2469	
	P235/60 R16 100H		687	27.1	236	9.3	7.0	6.5 - 8.5	187	7.4	8.4	11	12.7	44	800	1764	440 A A
	P235/70 R16 106H		736	29.0	232	9.1	7.0	6.0 - 8.0	174	6.9	8.7	11	13.1	44	950	2094	440 A A
	P245/70 R16 107H		752	29.6	247	9.7	7.0	6.5 - 8.0	243	9.6	8.7	11	14.9	44	975	2150	440 A A
	P255/65 R16 109H		739	29.1	264	10.4	7.5	7.0 - 8.0	182	7.2	9.0	11	15.3	44	1030	2271	440 A A
	P255/70 R16 111H		766	30.1	256	10.1	7.5	6.5 - 8.5	189	7.4	8.8	11	16.7	44	1090	2403	440 A A
	P265/70 R16 112H		777	30.6	273	10.8	8.0	7.0 - 9.0	198	7.8	8.8	11	17.1	44	1120	2469	440 A A
	LT265/75 R16 123/120S	10	802	31.6	269	10.6	7.5	7.0 - 8.0	202	8.0	11.0	14	22.8	80	1550/1400	3416/3086	
	P275/70 R16 114H		793	31.2	272	10.7	8.0	7.0 - 9.0	102	4.0	8.5	11	17.7	44	1180	2601	440 A A
17"	P225/60 R17 99H		703	27.7	224	8.8	6.5	6.0 - 8.0	178	7.0	8.2	10	12.0	44	775	1708	440 A A
	P225/65 R17 102H		722	28.4	229	9.0	6.5	6.0 - 8.0	174	6.9	8.3	10	12.0	44	850	1874	440 A A
	P235/55 R17 103H XL		690	27.2	240	9.4	7.5	6.5 - 8.5	200	7.9	8.0	10	13.0	50	875	1929	440 A A
	P235/60 R17 102V		713	28.1	240	9.4	7.0	6.5 - 8.5	187	7.4	8.4	11	13.8	44	850	1874	440 A A
	P235/65 R17 108V XL		738	29.0	238	9.4	7.0	6.5 - 8.5	167	6.6	8.3	10	14.4	50	1000	2205	440 A A
	P245/65 R17 111H XL		748	29.5	253	10.0	7.0	7.0 - 8.0	189	7.4	8.6	11	14.8	50	1090	2403	440 A A
	P255/60 R17 110V XL		738	29.0	259	10.2	7.5	7.0 - 9.0	201	7.9	8.4	11	15.4	50	1060	2337	440 A A
	P265/65 R17 112H		778	30.6	269	10.6	8.0	7.5 - 9.5	190	7.5	9.1	11	17.1	44	1120	2469	440 A A
	P265/70 R17 115H		802	31.6	270	10.6	8.0	7.0 - 9.0	198	7.8	8.8	11	17.3	44	1215	2678	440 A A
18"	P215/50 R18 92V																440 A A
	P225/55 R18 98V		706	27.8	231	9.1	7.0	6.0 - 8.0	192	7.6	7.9	10	13.2	44	750	1653	440 A A
	P235/55 R18 104V XL		715	28.2	244	9.6	7.5	6.5 - 8.5	201	7.9	8.3	10	13.4	49	900	1984	440 A A
	P235/65 R18 106H		766	30.1	236	9.3	7.0	6.5 - 8.5	168	6.6	8.6	11	14.5	44	950	2094	440 A A
	P245/60 R18 105H		752	29.6	244	9.6	7.0	7.0 - 8.5	194	7.6	8.4	11	14.4	44	850	1874	440 A A
	P255/65 R18 109S		795	31.3	256	10.1	7.5	7.0 - 9.0	183	7.2	9.0	11	15.3	44	1030	2271	440 A A
	P255/70 R18 112T		819	32.3	260	10.2	7.5	6.5 - 8.5	190	7.5	8.8	11	17.7	44	1120	2469	440 A A
	P265/60 R18 110H		775	30.5	263	10.4	8.0	7.5 - 9.5	211	8.3	8.4	11	15.9	44	1060	2337	440 A A
	P265/65 R18 114T		805	31.7	269	10.6	8.0	7.5 - 9.5	191	7.5	9.1	11	17.1	44	1180	2601	440 A A
	P265/70 R18 116S		833	32.8	273	10.7	8.0	7.0 - 9.0	199	7.8	8.8	11	19.4	44	1250	2756	440 A A
	P275/65 R18 116T		820	32.3	272	10.7	8.0	7.5 - 9.5	195	7.7	9.1	11	18.0	44	1250	2756	440 A A
	P285/60 R18 120H XL		800	31.5	285	11.2	8.5	8.0 - 10.0	227	8.9	8.6	11	17.5	50	1400	3086	440 A A
19"	P255/60 R19 109H		795	31.3	256	10.1	7.5	7.0 - 9.0	201	7.9	8.4	11	16.2	44	1030	2271	440 A A
20"	P245/50 R20 102H		762	30.0	242	9.5	7.5	7.0 - 8.5	202	8.0	8.0	10	14.8	44	850	1874	440 A A
	P255/50 R20 109H XL		769	30.3	258	10.1	8.0	7.0 - 9.0	212	8.3	7.7	10	15.7	50	1030	2271	440 A A

These data can be changed by the manufacturer without prior notice and differently applied by regions.

4x4 & SUV Tires /
Adventure Exploring

COURAGIA M/T



The mighty Couragia M/T is legendary for its toughness, maximum off-road traction, and deep-biting tread blocks.

FEATURES

- Reinforced compounds contribute to exceptional durability against cuts, chips, and abrasions.
- Aggressive tread design and strengthened shoulder deliver excellent traction and protection from off-road impact.
- Optimized block design increases off-road traction and control.
- Uniquely designed incremental block edge quickly sheds dirt, sand, and gravel for ultimate off-road traction.



COURAGIA M/T

Tire Size	Ply Rating	Overall Diameter	Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load					
			mm	inch			mm	inch				mm	inch	kg	psi	kg	lbs
Outlined White Letter																	
15"	LT235/75 R15	104/101Q	6	734	28.9	228	9.0	6.5	6.0 - 7.0	168	6.6	15.0	19	17.3	50	900/825	1985/1820
	30X9.50 R15LT	104Q	6	757	29.8	252	9.9	7.5	6.5 - 8.5	192	7.6	15.0	19	20.2	35	900	1985
	31X10.50 R15LT	109Q	6	785	30.9	268	10.6	8.5	7.0 - 9.0	200	7.9	15.0	19	22.2	50	1030	2270
	33X12.50 R15LT	108Q	6	833	32.8	325	12.8	10.0	8.5 - 11.0	248	9.8	15.0	19	28.9	35	1000	2205
16"	LT205/80 R16	110/108Q	8	734	28.9	210	8.3	5.5	5.0 - 7.0	160	6.3	15.0	19	17.3	65	1060/1000	2337/2205
	LT225/75 R16	115/112Q	10	752	29.6	215	8.4	6.0	6.0 - 7.0	160	6.3	15.0	19	17.9	80	1215/1120	2679/2469
	LT235/85 R16	120/116Q	10	806	31.7	231	9.1	6.5	6.0 - 7.5	170	6.7	15.0	19	21.9	80	1400/1260	3086/2778
	LT245/75 R16	120/116Q	10	781	30.7	244	9.6	6.0	6.5 - 8.0	178	7.0	15.0	19	21.4	80	1400/1260	3086/2778
	LT265/75 R16	119/116Q	8	807	31.8	260	10.2	7.5	7.0 - 8.0	193	7.6	15.0	19	23.9	65	1360/1250	3000/2755
	LT265/75 R16	123/120Q	10	807	31.8	262	10.3	7.5	7.0 - 8.0	193	7.6	15.0	19	23.8	80	1550/1400	3417/3086
	LT285/75 R16	122/119Q	8	835	32.9	281	11.1	8.0	7.5 - 9.0	208	8.2	15.0	19	25.8	65	1500/1360	3305/3000
	LT285/75 R16	126/123Q	10	835	32.9	281	11.1	8.0	7.5 - 9.0	208	8.2	15.0	19	25.9	80	1700/1550	3748/3417
	LT315/75 R16	127/124Q	10	881	34.7	317	12.5	8.5	8.0 - 11.0	226	8.9	16.3	21	30.3	65	1750/1600	3858/3526
17"	LT265/70 R17	121/118Q	10	810	31.9	272	10.7	8.0	7.0 - 8.5	212	8.3	15.9	20	24.8	80	1450/1320	3195/2910
	LT285/70 R17	121/118Q	8	840	33.1	287	11.3	8.5	8.0 - 9.0	228	9.0	15.9	20	26.1	65	1450/1320	3195/2910
	LT285/70 R17	121/118Q	10	840	33.1	287	11.3	8.5	8.0 - 9.0	228	9.0	15.9	20	26.1	65	1450/1320	3195/2910
	35X12.50 R17LT	125Q	10	884	34.8	313	12.3	10.0	9.5 - 10.5	248	9.8	16.7	21	34.1	65	1650	3637
Black Sidewall																	
15"	35X12.50 R15LT	113Q	6	883	34.8	343	13.5	10.0	9.5 - 10.5	252	9.9	16.7	21	29.8	35	1150	2535
17"	37X12.50 R17LT	129Q	10	933	36.7	327	12.9	10.0	8.0 - 11.0	251	9.9	15.0	19	35.2	65	1850	4080
18"	LT275/65 R18	119/116Q	8	824	32.4	275	10.8	8.0	7.5 - 9.0	216	8.5	15.6	20	23.5	65	1360/1250	2998/2755
	LT275/65 R18	123/120Q	10	829	32.6	275	10.8	8.0	7.5 - 9.0	220	8.7	14.7	19	26.4	80	1550/1400	3417/3086
	35X12.50 R18LT	123Q	10	886	34.9	309	12.2	10.0	9.5 - 10.5	248	9.8	16.7	21	34.1	65	1550	3415
	37X12.50 R18LT	128Q	10	934	36.8	328	12.9	10.0	8.0 - 11.0	251	9.9	15.0	19	34.4	65	1800	3970
20"	33X12.50 R20LT	114Q	10	833	32.8	313	12.3	10.0	9.5 - 10.5	256	10.1	16.7	21	27.7	65	1180	2600
	35X12.50 R20LT	121Q	10	883	34.8	318	12.5	10.0	8.5 - 11.0	256	10.1	16.3	21	31.7	65	1450	3195
	37X12.50 R20LT	126Q	10	934	36.8	320	12.6	10.0	8.5 - 11.0	251	9.9	15.0	19	34.2	65	1700	3750
	40X15.50 R20LT	130Q	8	1009	39.7	392	15.4	12.0	11.0 - 14.0	308	12.1	17.3	22	43.9	50	1900	4189
22"	40X15.50 R22LT	127Q	8	1006	39.6	398	15.7	12.0	11.0 - 14.0	308	12.1	18.0	23	43.8	50	1750	3858
24"	40X15.50 R24LT	128Q	10	1009	39.7	381	15.0	12.0	11.0 - 14.0	308	12.1	17.3	22	43.4	65	1800	3968

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4x4 & SUV Tires / Adventure Exploring

COURAGIA A/T



The versatile Couragia A/T provides drivers of pickups, SUVs and off-road vehicles with tough structure and grooves to conquer all roads.

FEATURES

- Multiple lateral grooves ensure excellent traction on and off the road.
- Widened zigzag grooves enhance water dispersion efficiency and help eject stones, mud, and snow.
- Optimized pattern design helps provide traction and reduce noise.



M+S

COURAGIA A/T

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		UTQG	
		mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"			kg	lbs		
Outlined White Letter																	
15"	LT215/75 R15 100/97Q	6	703	27.7	216	8.5	6.0	5.5 - 6.5	158	6.2	10.3	13	15.1	50	800/730	1765/1610	
	LT235/75 R15 104/101Q	6	733	28.9	235	9.3	6.5	6.0 - 7.0	173	6.8	11.1	14	16.1	50	900/825	1985/1820	
	P235/75 R15 105S		733	28.9	235	9.3	6.5	6.0 - 7.0	159	6.3	9.4	12	14.8	44	925	2039	480 A B
	30X9.50 R15LT 104Q	6	756	29.8	240	9.4	7.5	7.0 - 8.0	190	7.5	12.7	16	17.9	50	900	1985	
	31X10.50 R15LT 109Q	6	781	30.7	264	10.4	8.5	8.0 - 9.0	212	8.3	12.7	16	20.4	50	1030	2270	
16"	P215/70 R16 100T		708	27.9	221	8.7	6.5	6.0 - 7.0	174	6.9	10.1	13	14.7	44	800	1763	480 A B
	P225/70 R16 101S		721	28.4	231	9.1	6.5	6.0 - 7.5	179	7.0	10.2	13	14.7	44	825	1819	480 A B
	P235/70 R16 106S		736	29.0	235	9.3	7.0	6.5 - 7.5	185	7.3	10.0	13	15.5	44	950	2094	480 A B
	P245/70 R16 112S XL		748	29.5	245	9.6	7.0	6.5 - 7.5	195	7.7	10.0	13	17.6	50	1120	2469	480 A B
	LT245/75 R16 120/116Q	10	774	30.5	248	9.8	7.0	6.5 - 7.5	179	7.0	12.5	16	19.0	80	1380/1260	3042/2778	
	P255/70 R16 111S		764	30.1	260	10.2	7.5	7.0 - 8.0	205	8.1	10.0	13	17.9	44	1090	2403	480 A B
	P265/70 R16 112S		778	30.6	272	10.7	8.0	7.5 - 8.5	214	8.4	9.8	12	19.0	44	1120	2469	480 A B
	P265/75 R16 116S		804	31.7	267	10.5	7.5	7.0 - 8.0	180	7.1	10.4	13	19.4	44	1250	2756	480 A B
	LT265/75 R16 123/120Q	10	805	31.7	259	10.2	7.5	7.0 - 8.0	203	8.0	11.8	15	22.5	80	1550/1400	3417/3086	
	LT285/75 R16 122/119Q	8	834	32.8	286	11.3	8.0	7.5 - 8.5	208	8.2	11.9	15	27.7	65	1500/1360	3305/3000	
17"	LT225/70 R17 116/114Q	10	750	29.5	226	8.9	6.5	6.0 - 7.5	178	7.0	9.1	11	18.4	80	1250/1180	2756/2601	
	P265/70 R17 115S		803	31.6	272	10.7	8.0	7.0 - 9.0	275	10.8	9.8	12	21.2	44	1215	2679	480 A B
	LT265/70 R17 121/118Q	10	803	31.6	274	10.8	8.0	7.5 - 8.5	208	8.2	11.2	14	22.2	80	1450/1320	3197/2910	
Black Sidewall																	
15"	P195/80 R15 96S		693	27.3	194	7.6	5.5	5.0 - 6.5	147	5.8	9.0	11	11.9	44	710	1565	480 A B
	P205/70 R15 96T		668	26.3	207	8.1	6.0	5.0 - 7.0	165	6.5	9.7	12	11.5	44	710	1565	480 A B
16"	P205/80 R16 104S		734	28.9	201	7.9	5.5	5.0 - 6.0	152	6.0	8.9	11	14.1	50	900	1984	480 A B
	LT215/85 R16 115/112Q	10	774	30.5	213	8.4	6.0	5.5 - 6.5	171	6.7	12.4	16	18.7	80	1215/1120	2679/2469	
	LT225/75 R16 115/112Q	10	744	29.3	218	8.6	6.0	5.5 - 6.5	169	6.7	11.6	15	18.7	80	1215/1120	2679/2469	
	LT235/85 R16 120/116Q	10	806	31.7	235	9.3	6.5	6.0 - 7.0	170	6.7	11.9	15	20.8	80	1380/1260	3042/2778	

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Ice Trekking

Featuring optimal compounds and tread design in adverse winter conditions for various vehicles, Federal's winter tires bite deep into snow and ice.



HIMALAYA KATTURA
HIMALAYA ICEO
HIMALAYA WS2
HIMALAYA SUV
GLACIER GC01

Winter Tires / Ice Trekking

HIMALAYA KATTURA

Studless



The Himalaya Kattura studless winter tire provides reliable stability and traction for varying winter conditions.

FEATURES

- Advance winter silica compounds improve fuel efficiency.
- V-shaped grooves provide enhanced control.
- Tread bars provide improved steering.
- Trapezium sipes offer enhanced grip.



Award _____



HIMALAYA KATTURA (Studless)

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load					
	mm	inch	mm	inch	inch	inch	mm	inch	mm x/32'	kg	psi	kg	lbs				
Black Sidewall																	
13"	155/80	R13	79T	580	22.8	154	6.1	4.5	4.0 - 5.0	119	4.7	7.7	10	7.4	44	437	963
14"	165/65	R14	79T	574	22.6	167	6.6	5.0	4.5 - 6.0	139	5.5	7.7	10	7.1	44	437	963
	165/70	R14	81T	589	23.2	166	6.5	5.0	4.0 - 5.5	129	5.1	7.7	10	7.2	44	462	1019
	175/65	R14	82T	586	23.1	175	6.9	5.0	5.0 - 6.0	145	5.7	7.7	10	7.6	44	475	1047
	185/60	R14	82T	581	22.9	187	7.3	5.5	5.0 - 6.5	153	6.0	7.7	10	7.6	44	475	1047
15"	185/65	R14	90H XL	600	23.6	185	7.3	5.5	5.0 - 6.5	155	6.1	7.7	10	7.9	50	600	1323
	195/50	R15	82H	583	22.9	197	7.7	6.0	5.5 - 7.0	163	6.4	7.7	10	8.3	44	475	1047
	195/60	R15	92H XL	622	24.5	199	7.8	6.0	5.5 - 7.0	163	6.4	7.7	10	9.0	50	630	1389
	195/65	R15	95H XL	641	25.3	202	7.9	6.0	5.5 - 7.0	165	6.5	7.7	10	9.4	50	690	1521
16"	195/55	R16	87H	626	24.6	198	7.8	6.0	5.5 - 7.0	159	6.3	7.7	10	9.0	44	545	1202
	205/55	R16	91H	636	25.0	208	8.2	6.5	5.5 - 7.5	168	6.6	7.7	10	9.5	44	615	1356
	205/60	R16	96H XL	660	26.0	207	8.1	6.0	5.5 - 7.5	169	6.7	7.7	10	9.7	50	710	1565
17"	225/45	R17	94H XL	641	25.2	219	8.6	7.5	7.0 - 8.5	169	6.7	7.7	10	10.2	50	670	1477
	225/50	R17	98V XL	666	26.2	227	8.9	7.0	6.0 - 8.0	189	7.4	8.6	11	11.2	50	750	1653

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Winter Tires / Ice Trekking

HIMALAYA ICEO

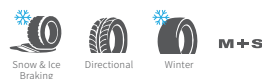
Studless



With next-gen rubber compounds and softening agents, the Himalaya ICEO studless winter tire provides reliable traction, grip, and elasticity on icy roads in severe winter conditions.

FEATURES

- Micro pumps and advance silica compounds enhance water dispersion efficiency for better traction on snow, ice, and slush.
- Zigzag blocks enhance tire rigidity for maximum contact areas and water channeling, improving steering precision and snow traction, as well as reducing noise.
- High-density sipes increase snow traction.



HIMALAYA ICEO (Studless)

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		
	mm	inch	mm	inch	inch	inch		mm	inch	mm x/32"	kg	psi	kg	lbs	
Black Sidewall															
13"	155/65 R13 73Q	536	21.1	152	6.0	4.5	4.5 - 5.5	126	5.0	8.7	11	6.2	44	365 805	
	155/70 R13 75Q	551	21.7	160	6.3	4.5	4.0 - 5.0	127	5.0	8.7	11	6.8	44	387 853	
14"	155/65 R14 75Q	563	22.2	152	6.0	4.5	4.5 - 5.5	126	5.0	8.7	11	6.5	44	387 853	
	175/65 R14 82Q	586	23.1	171	6.7	5.0	5.0 - 6.0	142	5.6	8.7	11	8.2	44	475 1047	
	185/65 R14 86Q	598	23.6	187	7.4	5.5	5.0 - 6.5	151	5.9	8.7	11	8.3	44	530 1168	
	185/70 R14 88Q	618	24.3	189	7.4	5.5	4.5 - 6.0	153	6.0	8.7	11	8.8	44	560 1235	
15"	165/55 R15 75Q	563	22.1	163	6.4	5.0	4.5 - 6.0	139	5.5	9.0	11	7.6	44	387 853	
	175/65 R15 84Q	609	24.0	174	6.9	5.0	5.0 - 6.0	142	5.6	9.0	11	8.6	44	500 1102	
	185/55 R15 82Q	584	23.0	190	7.5	6.0	5.0 - 6.5	158	6.2	9.0	11	8.5	44	475 1047	
	185/60 R15 84Q	603	23.7	190	7.5	5.5	5.0 - 6.5	153	6.0	9.0	11	8.7	44	500 1102	
	185/65 R15 88Q	624	24.6	181	7.1	5.5	5.0 - 6.5	151	5.9	9.0	11	8.8	44	560 1235	
	195/55 R15 85Q	592	23.3	198	7.8	6.0	5.5 - 7.0	164	6.5	9.0	11	8.6	44	515 1136	
	195/60 R15 88Q	618	24.3	199	7.8	6.0	5.5 - 7.0	161	6.3	9.0	11	9.2	44	560 1235	
	195/65 R15 91Q	637	25.1	195	7.7	6.0	5.5 - 7.0	161	6.3	9.0	11	9.6	44	560 1235	
	205/65 R15 94Q	649	25.6	204	8.0	6.0	5.5 - 7.5	167	6.6	9.0	11	11.2	44	670 1477	
	215/65 R15 96Q	658	25.9	219	8.6	6.5	6.0 - 7.5	177	7.0	9.0	11	11.0	44	710 1565	
16"	185/55 R16 87Q XL	609	24.0	192	7.6	6.0	5.0 - 6.5	158	6.2	9.0	11	9.0	50	545 1202	
	195/55 R16 87Q	624	24.6	196	7.7	6.0	5.5 - 7.0	161	6.3	9.0	11	9.2	44	545 1202	
	205/55 R16 91Q	637	25.1	208	8.2	6.5	5.5 - 7.5	188	7.4	9.0	11	11.0	44	615 1355	
	205/60 R16 96Q XL	658	25.9	205	8.1	6.0	5.5 - 7.5	165	6.5	9.0	11	10.0	50	710 1565	
	215/55 R16 93Q	641	25.3	226	8.9	7.0	6.0 - 7.5	184	7.2	9.0	11	10.7	44	650 1433	
	215/60 R16 95Q	667	26.3	222	8.8	6.5	6.0 - 7.5	177	7.0	9.0	11	11.3	44	690 1523	
	215/65 R16 98Q	689	27.1	222	8.7	6.5	6.0 - 7.5	177	7.0	9.0	11	12.6	44	750 1653	
	225/60 R16 98Q	677	26.7	232	9.1	6.5	6.0 - 8.0	185	7.3	9.0	11	12.2	44	750 1653	
	17"	215/45 R17 87Q	627	24.7	211	8.3	7.0	7.0 - 8.0	181	7.1	9.0	11	10.7	44	500 1102
		215/50 R17 91Q	648	25.5	224	8.8	7.0	6.0 - 7.5	183	7.2	9.0	11	11.9	44	615 1356
215/55 R17 94Q		672	26.5	222	8.8	7.0	6.0 - 7.5	181	7.1	9.0	11	11.0	44	670 1477	
215/60 R17 96Q		690	27.2	218	8.6	6.5	6.0 - 7.5	179	7.0	9.0	11	12.7	44	710 1565	
225/45 R17 91Q		638	25.1	218	8.6	7.5	7.0 - 8.5	187	7.4	9.0	11	10.5	44	615 1355	
225/50 R17 98Q XL		663	26.1	227	8.9	7.0	6.0 - 8.0	184	7.2	9.0	11	11.1	50	750 1653	
225/55 R17 97Q		679	26.7	237	9.3	7.0	6.0 - 8.0	190	7.5	9.0	11	12.4	44	730 1609	
235/45 R17 94Q		645	25.4	235	9.2	8.0	7.5 - 9.0	201	7.9	9.0	11	12.2	44	670 1477	
18"		225/40 R18 92Q XL	639	25.2	226	8.9	8.0	7.5 - 9.0	189	7.4	9.0	11	11.1	50	630 1389
		225/45 R18 91Q	661	26.0	221	8.7	7.5	7.0 - 8.5	191	7.5	9.0	11	11.7	44	615 1356
	245/40 R18 97Q XL	658	25.9	246	9.7	8.5	8.0 - 9.5	203	8.0	9.0	11	11.9	50	730 1609	
	245/45 R18 100Q XL	678	26.7	238	9.4	8.0	7.5 - 9.0	207	8.1	9.0	11	13.4	44	500 1102	

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Winter Tires / Ice Trekking

HIMALAYA WS2

Studdable



The Himalaya WS2 provides increased driving stability and confident winter performance on slippery, cold, wet or icy roads.

FEATURES

- Optimized pattern design improves steering and snow traction, and reduces noise.
- V-shaped grooves enhance tire rigidity for prolonged durability.
- Wide center grooves offer swift water dispersion.
- Widened zigzag thread design increases contact areas for enhanced grip.



Sedan



Snow & Ice Braking



Directional



Winter

M+S

HIMALAYA WS2 (Studdable)

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load				
	mm	inch	mm	inch	inch	inch	mm	inch	mm	x/32"	kg	psi	kg	lbs			
Black Sidewall																	
13"	175/70	R13	82T	576	22.7	177	7.0	5.0	4.5 - 5.5	134	5.3	10.4	13	7.6	44	475	1045
14"	175/65	R14	86T XL	584	23.0	177	7.0	5.0	4.5 - 5.5	137	5.4	10.0	13	7.8	50	530	1168
	185/60	R14	82T	578	22.8	189	7.4	5.5	5.0 - 6.0	148	5.8	10.0	13	7.6	44	475	1047
	185/65	R14	86T	596	23.5	189	7.4	5.5	5.0 - 6.0	144	5.7	10.0	13	8.4	44	530	1168
15"	185/70	R14	92T XL	616	24.3	189	7.4	5.5	5.0 - 6.0	153	6.0	10.0	13	9.0	50	630	1389
	185/60	R15	88T XL	603	23.7	189	7.4	5.5	5.0 - 6.0	147	5.8	10.0	13	9.1	50	560	1235
	185/65	R15	92T XL	621	24.4	189	7.4	5.5	5.0 - 6.0	144	5.7	10.0	13	9.6	50	630	1389
	195/55	R15	89T XL	595	23.4	201	7.9	6.0	5.5 - 6.5	173	6.8	10.0	13	9.6	50	580	1279
	195/60	R15	92T XL	615	24.2	201	7.9	6.0	5.5 - 6.5	159	6.2	10.0	13	9.2	50	630	1389
	195/65	R15	95T XL	635	25.0	201	7.9	6.0	5.5 - 6.5	155	6.1	10.0	13	10.1	50	690	1521
16"	205/60	R15	95T XL	627	24.7	209	8.2	6.0	5.5 - 6.5	163	6.4	10.0	13	9.6	50	690	1521
	205/65	R15	99T XL	647	25.5	209	8.2	6.0	5.5 - 6.5	163	6.4	10.0	13	11.0	50	775	1709
	205/70	R15	100T XL	669	26.3	209	8.2	6.0	5.5 - 6.5	161	6.3	10.0	13	11.0	50	800	1764
	215/65	R15	100T XL	661	26.0	221	8.7	6.5	6.0 - 7.0	168	6.6	10.0	13	12.1	50	800	1764
	205/50	R16	87H	612	24.1	214	8.4	6.5	6.0 - 7.0	184	7.2	10.0	13	10.6	44	545	1201
	205/55	R16	94T XL	632	24.9	214	8.4	6.5	6.0 - 7.0	182	7.2	10.5	13	10.8	50	670	1477
	205/60	R16	96T XL	652	25.7	209	8.2	6.0	5.5 - 6.5	163	6.4	10.0	13	11.1	50	710	1565
	205/65	R16	95T	669	26.3	214	8.4	6.0	5.5 - 7.5	170	6.7	9.0	11	11.5	44	690	1521
	215/55	R16	97T XL	642	25.3	226	8.9	7.0	6.5 - 7.5	192	7.6	10.0	13	11.2	50	730	1609
	215/60	R16	99T XL	664	26.1	221	8.7	6.5	6.0 - 7.0	173	6.8	10.0	13	10.8	50	775	1709
17"	215/65	R16	102T XL	686	27.0	221	8.7	6.5	6.0 - 7.0	168	6.6	10.0	13	12.4	50	850	1874
	225/55	R16	99T XL	654	25.7	233	9.2	7.0	6.5 - 7.5	195	7.7	10.0	13	12.0	50	775	1709
	225/60	R16	102T XL	676	26.6	228	9.0	6.5	6.0 - 7.0	181	7.1	10.4	13	12.6	50	850	1874
	235/60	R16	104T XL	688	27.1	240	9.4	7.0	6.5 - 7.5	191	7.5	10.0	13	13.9	50	900	1984
	205/50	R17	93T XL	638	25.1	214	8.4	6.5	6.0 - 7.0	184	7.2	10.0	13	10.9	50	650	1432
	215/55	R17	98T XL	668	26.3	226	8.9	7.0	6.5 - 7.5	191	7.5	10.0	13	12.3	50	750	1653
	215/65	R17	99T	712	28.0	221	8.7	6.5	6.0 - 7.0	169	6.6	10.0	13	12.6	44	750	1653
	225/45	R17	94T XL	634	25.0	225	8.9	7.5	7.0 - 8.0	204	8.0	10.0	13	11.3	50	670	1477
	225/50	R17	94T	658	25.9	233	9.2	7.0	6.5 - 7.5	200	7.9	10.0	13	11.8	44	670	1477
	225/55	R17	101T XL	680	26.8	233	9.2	7.0	6.0 - 8.0	195	7.7	10.0	13	12.9	50	825	1819
18"	225/60	R17	103T XL	702	27.6	228	9.0	6.5	6.0 - 7.0	182	7.2	10.0	13	12.8	50	875	1929
	235/45	R17	97T XL	644	25.4	236	9.3	8.0	7.5 - 9.0	214	8.4	10.0	13	11.3	50	730	1609
	235/55	R17	103T XL	690	27.2	245	9.6	7.5	7.0 - 8.0	207	8.1	10.0	13	13.6	50	875	1929
	215/55	R18	95T	694	27.3	218	8.6	7.0	6.0 - 7.5	188	7.4	9.0	11	12.6	44	690	1521
	225/45	R18	91T	658	25.9	223	8.8	7.5	7.0 - 8.5	191	7.5	9.0	11	11.3	44	615	1356
	225/50	R18	95T	684	26.9	229	9.0	7.0	6.0 - 8.0	189	7.4	9.0	11	12.3	44	690	1521
	235/40	R18	91T	645	25.4	242	9.5	8.5	8.0 - 9.5	202	8.0	9.0	11	11.5	44	615	1356
235/45	R18	94T	669	26.4	235	9.3	8.0	7.5 - 9.0	200	7.9	9.0	11	11.9	44	670	1477	
245/40	R18	93T	654	25.7	247	9.7	8.5	8.0 - 9.5	208	8.2	9.0	11	12.0	44	650	1433	
245/45	R18	96T	679	26.7	242	9.5	8.0	7.5 - 9.0	207	8.1	9.0	11	12.7	44	710	1565	

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Winter Tires / Ice Trekking

HIMALAYA SUV

Studdable



The ultimate winter studded tire is designed for SUVs with improved water dispersion and snow traction.

FEATURES

- Advance compounds deliver straight line stability and long tread life.
- Engineered for high steering capability with better traction during cornering and braking in the winter.
- Optimized stud placement and tread pattern improve traction during severe winter, with efficient water dispersion.



SUV



Snow & Ice Braking



Directional



Winter

M+S

HIMALAYA SUV (Studdable)

Tire Size	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		
	mm	inch	mm	inch	inch	inch	mm	inch	mm x/32"	kg	psi	kg	lbs	
Black Sidewall														
16"	P215/65 R16 102H XL	685	27.0	225	8.9	6.5	6.0 - 8.0	168	6.6	10.0	13	12.1	50	850 1874
	P215/70 R16 100T	708	27.9	221	8.7	6.5	5.5 - 7.0	179	7.0	10.0	13	13.7	44	800 1764
	P245/70 R16 107T	750	29.5	248	9.8	7.0	6.5 - 8.0	251	9.9	10.1	13	16.2	44	975 2150
	P265/70 R16 112T	777	30.6	277	10.9	8.0	7.5 - 8.5	218	8.6	10.0	13	19.0	44	1120 2469
17"	P275/70 R16 114T	790	31.1	288	11.3	8.0	7.0 - 9.0	225	8.9	10.0	13	19.4	44	1820 2601
	P215/60 R17 100T XL	691	27.2	222	8.7	6.5	6.0 - 7.5	177	7.0	10.0	13	13.2	50	800 1764
	P225/60 R17 103T XL	701	27.6	228	9.0	6.5	6.0 - 8.0	182	7.2	10.0	13	13.2	50	875 1929
	P225/65 R17 102T	724	28.5	228	9.0	6.5	6.0 - 8.0	174	6.9	10.1	13	13.9	44	850 1874
	P235/65 R17 104T	738	29.1	240	9.4	7.0	6.5 - 8.5	183	7.2	10.1	13	15.4	44	900 1984
	P265/65 R17 116T XL	775	30.5	277	10.9	8.0	7.5 - 8.5	209	8.2	10.0	13	18.7	44	1120 2469
18"	P275/65 R17 119T XL	790	31.1	287	11.3	8.0	7.5 - 9.5	218	8.6	10.0	13	20.4	50	1360 2998
	P285/65 R17 116T	802	31.6	293	11.5	8.5	8.0 - 10.0	228	9.0	10.0	13	21.3	44	1250 2756
	P225/55 R18 98T	707	27.8	230	9.1	7.0	6.0 - 8.0	186	7.3	10.0	13	13.7	44	750 1654
	P235/50 R18 101T XL	696	27.4	240	9.4	7.5	6.5 - 8.5	196	7.7	10.0	13	14.0	50	825 1819
	P235/55 R18 100T	715	28.1	245	9.6	7.5	6.5 - 8.5	224	8.8	10.0	13	15.7	44	800 1764
	P235/60 R18 103T	738	29.1	245	9.6	7.0	6.5 - 7.5	194	7.6	10.0	13	15.0	44	875 1929
	P255/55 R18 109T XL	737	29.0	265	10.4	8.0	7.0 - 9.0	265	10.4	10.1	13	16.1	50	1030 2270
	P265/60 R18 114T XL	774	30.5	277	10.9	8.0	7.5 - 8.5	219	8.6	10.0	13	18.9	50	1060 2337
	P275/60 R18 117T XL	789	31.1	280	11.0	8.0	7.5 - 9.5	223	8.8	10.0	13	18.9	50	1285 2833
	P285/60 R18 116T	798	31.4	298	11.7	8.5	8.0 - 10.0	234	9.2	10.0	13	19.6	50	1250 2756
19"	P255/50 R19 107T XL	741	29.2	258	10.2	8.0	7.0 - 9.0	212	8.3	10.0	13	14.7	50	975 2150
	P255/60 R19 109T	790	31.1	258	10.1	7.5	7.0 - 9.0	208	8.2	10.0	13	17.2	44	1030 2271
20"	P265/45 R20 108T XL													
	P265/50 R20 111T XL	775	30.5	272	10.7	8.5	7.5 - 9.5	222	8.7	10.0	13	17.5	50	1090 2403
	P275/40 R20 106T XL	729	28.7	275	10.8	9.5	9.0 - 11.0	228	9.0	10.0	13	16.3	50	950 2094
	P275/45 R20 110T XL	758	29.9	263	10.4	9.0	8.5 - 10.5	229	9.0	10.0	13	16.8	50	1060 2337
P285/50 R20 116T XL	797	31.4	292	11.5	9.0	8.0 - 10.0	238	9.4	10.0	13	19.9	50	1250 2756	

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Winter Tires / Ice Trekking

GLACIER GC01

Studless



The sturdy Glacier GC01 is designed for commercial vans with the optimum balance of fuel economy, longevity, and reliability on snowy and icy roads.

FEATURES

- Advance winter silica compounds improve fuel efficiency.
- Unidirectional tread with V-shaped grooves and staggered trapezium sipes provides firm and precise winter traction.
- Tie bar design in the shoulder areas provides prolonged durability.
- Overall noise-reduction design increases driving comfort.



Commercial Van



Stability



Directional



Winter

M+S

GLACIER GC01 (Studless)

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load			
		mm	inch	mm	inch			mm	inch				kg	psi	kg	lbs
Black Sidewall																
14"	175/65 R14 C 90/88T	6	587	23.1	181	7.1	5.0	5.0 - 5.5	145	5.7	8.8	11	10.2	54	600/560	1323/1235
	175/70 R14 C 95/93T	6	602	23.7	175	6.9	5.0	4.5 - 5.5	143	5.6	9.4	12	10.7	54	690/650	1521/1433
15"	195/70 R15 C 104/102R	8	658	25.9	202	7.9	6.0	5.0 - 6.0	163	6.4	9.4	12	11.7	65	900/850	1985/1874
	205/70 R15 C 106/104R	8	670	26.4	209	8.2	6.0	5.5 - 6.5	169	6.7	9.4	12	12.3	65	950/900	2095/1985
	215/70 R15 C 109/107R	8	683	26.9	217	8.6	6.5	5.5 - 7.0	179	7.0	9.4	12	13.3	65	1030/975	2271/2150
	225/70 R15 C 112/110R	8	697	27.4	232	9.1	6.5	6.0 - 7.0	185	7.3	9.4	12	14.5	65	1120/1060	2470/2337
16"	195/65 R16 C 104/102R	8	664	26.1	203	8.0	6.0	5.5 - 6.0	165	6.5	8.8	11	12.0	65	900/850	1985/1874
	195/75 R16 C 107/105R	8	701	27.6	200	7.9	5.5	5.0 - 6.0	165	6.5	9.4	12	13.2	65	975/925	2150/2040
	205/60 R16 C 100/98T	6	654	25.8	207	8.2	6.0	6.0 - 6.5	171	6.7	9.4	12	11.8	54	800/750	1764/1654
	205/65 R16 C 107/105R	8	675	26.6	213	8.4	6.0	5.5 - 6.5	171	6.7	8.8	11	12.2	65	975/925	2150/2040
	205/75 R16 C 110/108R	8	716	28.2	204	8.0	5.5	5.5 - 6.5	171	6.7	9.4	12	13.9	69	1060/1000	2337/2205
	215/60 R16 C 108/106R	8	669	26.3	218	8.6	6.5	6.0 - 7.0	181	7.1	9.4	12	12.1	69	1000/950	2205/2095
	215/65 R16 C 109/107R	8	690	27.2	223	8.8	6.5	6.0 - 7.5	181	7.1	8.8	11	12.5	69	1030/975	2271/2150
	215/75 R16 C 113/111R	8	728	28.7	216	8.5	6.0	5.5 - 7.0	181	7.1	9.4	12	14.9	65	1150/1090	2536/2403
	225/65 R16 C 112/110R	8	701	27.6	232	9.1	6.5	6.0 - 7.5	187	7.4	8.8	11	13.7	69	1120/1060	2470/2337
	225/75 R16 C 116/114R	8	746	29.4	225	8.9	6.0	6.0 - 7.5	190	7.5	9.4	12	15.7	65	1250/1180	2756/2602
235/65 R16 C 115/113R	8	715	28.1	245	9.7	7.0	6.5 - 7.5	197	7.8	8.8	11	15.3	69	1215/1150	2679/2536	
17"	215/60 R17 C 109/107R	8	697	27.4	221	8.7	6.5	6.0 - 7.0	181	7.1	9.4	12	12.9	69	1030/975	2271/2150

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Sturdy Commercial

Federal's sturdy commercial tires are built for grueling urban and highway use, keeping fleets going with increased mileage, high durability, and fuel efficiency.



ECOVAN ER02
ECOVAN ER01



Commercial Tires / Sturdy Commercial

ECOVAN ER02



The Ecovan ER02 is designed for commercial vans, delivering the optimal balance of durability, longevity, and fuel efficiency.

FEATURES

- Advance LRR compounds improve fuel efficiency.
- Three longitudinal grooves offer better water-channeling efficiency and shorter braking distance.
- Wave-shaped tread design ensures even wear and enhances tire longevity.



Commercial Van



Fuel Efficiency



Heavy Load



Street



Summer

ECOVAN ER02

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width		Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load		
		mm	inch	mm	inch		inch	inch	mm	inch				mm	inch	kg
Black Sidewall																
12"	145 R12 C 86/84P	8	543	214	144	5.7	4.0	3.5 - 4.0	109	4.3	8.7	11	7.3	65	530/500	1168/1102
	155 R12 C 88/86P	8	550	217	155	6.1	4.5	4.0 - 4.5	116	4.6	9.0	11	8.5	65	560/530	1235/1168
	LT5.00 R12 83/82P	8	569	224	144	5.7	3.5	3.0 - 5.0	105	4.1	8.4	11	8.1	65	487/475	1074/1048
13"	155 R13 C 90/88Q	8	579	228	159	6.3	4.5	4.5 - 5.0	117	4.6	8.8	11	8.8	65	600/560	1323/1235
	165 R13 C 94/92Q	8	598	235	170	6.7	4.5	4.0 - 5.0	124	4.9	9.1	11	9.6	65	670/630	1477/1289
	175 R13 C 97/95Q	8	610	240	180	7.1	5.0	4.5 - 6.0	131	5.2	9.5	12	10.6	65	730/690	1610/1521
	185 R13 C 100/98Q	8	625	246	192	7.6	5.5	5.0 - 6.0	138	5.4	9.8	12	10.7	65	800/750	1764/1654
14"	165 R14 C 97/95Q	8	328	129	173	6.8	4.5	4.0 - 5.5	124	4.9	9.6	12	10.2	65	730/690	1610/1521
	175 R14 C 99/98Q	8	636	250	180	7.1	5.0	4.5 - 5.5	131	5.2	9.6	12	11.1	65	775/750	1709/1654
	185 R14 C 102/100R	8	651	256	195	7.7	5.5	5.0 - 6.0	138	5.4	9.8	12	11.6	65	850/800	1873/1763
	195 R14 C 106/104R	8	667	262	205	8.1	5.5	5.0 - 6.0	146	5.7	10.1	13	12.3	65	950/900	2094/1984
	205 R14 C 109/107P	8	688	271	210	8.3	6.0	5.0 - 7.0	154	6.1	10.5	13	13.4	65	1030/975	2271/2150
	215 R14 C 112/110Q	8	705	277	225	8.9	6.0	5.0 - 7.0	161	6.3	10.7	13	14.2	65	1120/1060	2469/2336
	165/70 R14 C 95/94R	8	588	231	170	6.7	5.0	5.0 - 6.0	128	5.0	9.6	12	9.7	65	690/670	1521/1477
	175/65 R14 C 90/88T	6	585	230	177	7.0	5.0	5.0 - 6.0	136	5.4	9.9	12	9.6	54	600/560	1323/1235
205/75 R14 C 109/107Q	8	664	261	205	8.1	5.5	5.0 - 7.0	149	5.9	9.5	12	11.9	69	1030/975	2270/2149	
15"	185 R15 C 103/102R	8	676	266	192	7.6	5.5	4.5 - 6.0	138	5.4	13.0	10	12.0	65	875/850	1929/1874
	195 R15 C 106/104R	8	692	272	200	7.9	5.5	4.5 - 6.0	146	5.7	10.5	13	14.1	65	950/900	2094/1984
	195/70 R15 C 108/106R	10	656	258	203	8.0	6.0	5.0 - 6.5	151	5.9	6.3	8	14.1	80	1000/950	2205/2094
	205/65 R15 C 108/106T	8	649	255	212	8.3	6.0	5.5 - 7.5	161	6.3	9.9	12	12.2	65	1000/950	2205/2094
	205/70 R15 C 106/104S	8	623	245	220	8.7	6.5	6.0 - 7.5	170	6.7	9.5	12	13.2	65	950/900	2094/1984
	215/65 R15 C 110/108T	8	623	245	220	8.7	6.5	6.0 - 7.5	170	6.7	9.8	12	13.2	65	1060/1000	2337/2205
	215/70 R15 C 109/107R	8	684	269	219	8.6	6.5	5.5 - 7.0	166	6.5	9.5	12	14.1	65	1030/975	2270/2149
225/70 R15 C 117/115R	10	700	276	233	9.2	6.5	5.5 - 7.0	171	6.7	9.6	12	14.9	80	1285/1215	2833/2679	
16"	175/75 R16 C 101/99R	8	669	263	177	7.0	5.0	4.5 - 6.0	130	5.1	9.6	12	11.4	69	825/775	1819/1709
	185/75 R16 C 104/102R	8	685	270	184	7.2	5.0	4.5 - 6.0	135	5.3	9.6	12	12.1	69	900/850	1984/1873
	195/75 R16 C 110/108R	10	703	277	197	7.8	5.5	5.0 - 6.0	144	5.7	9.6	12	14.6	76	1060/1000	2337/2205
	205/65 R16 C 107/105T	8	673	265	209	8.2	6.0	5.5 - 7.5	161	6.3	9.9	12	12.9	68	975/925	2150/2039
	205/75 R16 C 113/111R	10	716	282	196	7.7	5.5	5.0 - 7.0	149	5.9	9.6	12	15.3	76	1250/1180	2756/2601
	215/60 R16 C 108/106R	8	665	262	219	8.6	6.5	6.0 - 7.5	172	6.8	10.7	13	11.6	69	1000/950	2205/2094
	215/65 R16 C 109/107T	8	690	271	220	8.7	6.5	6.0 - 7.5	170	6.7	9.8	12	13.6	69	1030/975	2271/2150
	215/75 R16 C 116/114R	10	730	287	214	8.4	6.0	5.5 - 7.0	159	6.3	9.6	12	16.6	76	1250/1180	2756/2601
	225/65 R16 C 112/110R	8	700	276	226	8.9	6.5	6.0 - 7.0	176	6.9	9.8	12	14.8	69	1120/1060	2469/2336
	225/75 R16 C 121/120R	12	747	294	220	8.7	6.0	6.0 - 7.5	164	6.5	9.6	12	17.9	76	1450/1400	3196/3086
235/65 R16 C 118/116R	10	711	280	237	9.3	7.0	6.5 - 8.5	185	7.3	9.8	12	17.5	76	1320/1250	2910/2765	

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Commercial Tires /
Sturdy Commercial

ECOVAN ER01



The Ecovan ER01 is the reliable choice for urban pickup and delivery applications with optimal durability, wet traction, and long tread life.

FEATURES

- Optimized tread design extends tire life.
- Maximum resistance to uneven wear for outstanding durability.
- Deep grooves disperse water effectively for improved wet traction.



Commercial Van



Fuel Efficiency



Heavy Load



Street



Summer

ECOVAN ER01

Tire Size	Ply Rating	Overall Diameter		Section Width		Measuring Rim Width	Approved Rim Width	Tread Width		Tread Depth	Weight	Max. Air Pressure	Max. Load				
		mm	inch	mm	inch			mm	inch				mm	inch	kg	lbs	
White Sidewall																	
14"	205/75 R14 C	109/107Q	8	663	26.1	197	7.8	5.5	5.0 - 6.0	144	5.7	10.3	13	12.5	69	1030/975	2271/2150
Black Sidewall																	
12"	145 R12	81/79P	6	540	21.3	149	5.9	4.5	3.5 - 4.0	109	4.3	8.5	11	6.7	51	462/437	1019/963
	145 R12 C	86/84P	8	540	21.2	149	5.9	4.0	3.5 - 4.0	109	4.3	8.7	11	7.3	65	530/500	1168/1102
	155 R12 C	88/86P	8	553	21.8	162	6.4	4.5	4.0 - 4.5	116	4.6	8.9	11	8.1	65	560/530	1235/1168
13"	155 R13 C	90/88Q	8	582	22.9	159	6.3	4.5	4.5 - 5.0	160	6.3	7.7	10	8.5	65	600/560	1323/1235
	165 R13 C	94/92Q	8	601	23.7	172	6.8	4.5	4.0 - 5.0	124	4.9	7.9	10	9.5	65	670/630	1477/1289
	175 R13 C	97/95Q	8	609	24.0	175	6.9	5.0	4.5 - 5.5	130	5.1	9.4	12	9.8	65	730/690	1610/1521
14"	185 R13 C	100/98Q	8	627	24.7	195	7.7	5.5	5.0 - 5.5	138	5.4	10.0	13	10.7	65	800/750	1764/1654
	165 R14 C	97/95Q	8	625	24.6	171	6.7	4.5	4.0 - 5.0	124	4.9	9.6	12	9.9	65	730/690	1609/1521
	165 R14 LT	97/95S	8	625	24.6	171	6.7	4.5	4.0 - 5.0	124	4.9	9.6	12	9.2	65	730/690	1609/1521
	175 R14 C	99/98Q	8	636	25.0	135	5.3	5.0	4.5 - 5.5	121	4.8	9.2	12	10.5	65	775/750	1709/1654
	185 R14 C	102/100R	8	650	25.6	193	7.6	5.5	6.0 - 6.0	138	5.4	9.8	12	11.8	65	850/800	1873/1763
	195 R14 C	106/104R	8	666	26.2	200	7.9	5.5	6.0 - 6.0	200	7.9	10.5	13	13.4	65	950/900	2094/1984
	205 R14 C	109/107P	8	682	26.8	210	8.3	6.0	6.5 - 6.5	154	6.1	10.2	13	14.2	65	1030/975	2270/2149
	215 R14 C	112/110Q	8	701	27.6	221	8.7	6.0	6.5 - 6.5	163	6.4	10.2	13	14.7	65	1120/1060	2469/2316
	165/70 R14 C	89/87R	8	590	23.2	166	6.5	5.0	4.5 - 5.5	124	4.9	8.1	10	8.8	55	580/545	1279/1202
	175/65 R14 C	90/88T	8	583	22.9	168	6.6	5.0	4.5 - 5.5	130	5.1	9.6	12	9.1	54	600/560	1323/1235
15"	215/75 R14 C	112/110Q	8	679	26.7	212	8.4	6.0	5.5 - 6.5	154	6.1	10.7	13	14.0	69	1120/1060	2469/2336
	215/75 R14 LT	104/101Q	8	678	26.7	212	8.3	6.0	5.5 - 6.5	154	6.1	10.0	13	14.6	65	900/825	1984/1819
	185 R15 C	103/102R	8	676	26.6	194	7.6	5.5	6.0 - 6.0	138	5.4	11.2	14	12.8	65	875/850	1929/1874
	195 R15 C	106/104R	8	690	27.2	202	7.9	5.5	6.0 - 6.0	146	5.7	10.8	14	14.1	65	950/900	2094/1984
	195/70 R15 LT	99/96R	8	655	25.8	200	7.9	6.0	5.5 - 6.5	146	5.7	9.5	12	12.4	65	775/710	1709/1565
	195/70 R15 C	104/101R	10	655	25.8	200	7.9	6.0	5.5 - 6.5	146	5.7	9.5	12	12.4	80	900/825	1984/1819
	195/70 R15 C	104/102R	8	656	25.8	199	7.8	6.0	5.5 - 6.5	146	5.7	9.1	11	11.8	65	900/850	1981/1874
	205/70 R15 C	106/104S	8	669	26.3	210	8.3	6.5	6.0 - 7.0	210	8.3	9.8	12	13.6	54	950/900	2094/1984
	215/70 R15 LT	104/101R	8	682	26.8	222	8.7	6.5	6.0 - 7.0	162	6.4	9.5	12	14.1	65	900/825	1984/1819
	215/70 R15 C	109/107R	8	684	26.9	223	8.8	6.5	6.0 - 7.0	162	6.4	9.8	12	14.2	65	1030/975	2270/2149
16"	225/70 R15 LT	106/103R	8	697	27.4	230	9.1	6.5	6.0 - 7.0	169	6.6	10.4	13	15.4	65	950/875	2094/1929
	225/70 R15 C	112/110R	8	697	27.4	232	9.1	6.5	6.0 - 7.0	230	9.1	10.4	13	15.2	54	1120/1060	2469/2336
	225/70 R15 C	116/114R	10	696	27.4	232	9.1	6.5	6.0 - 7.0	169	6.7	10.0	13	16.5	80	1250/1180	2756/2601
	175/75 R16 C	101/99R	8	669	26.3	170	6.7	5.0	4.5 - 5.5	125	4.9	10.9	14	11.1	69	825/775	1819/1709
	185/75 R16 C	104/102R	8	684	26.9	179	7.0	5.0	4.5 - 5.5	130	5.1	10.3	13	12.1	69	900/850	1981/1874
	195/75 R16 C	110/108R	10	698	27.5	190	7.5	5.5	5.0 - 6.0	139	5.5	10.7	13	12.8	76	1060/1000	2237/2205
	205/65 R16 C	107/105T	8	671	26.4	204	8.0	6.0	5.5 - 6.5	204	8.0	11.1	14	12.9	69	975/925	2150/2039
	205/75 R16 C	110/108R	8	715	28.1	208	8.2	6.5	6.0 - 7.0	144	5.7	10.9	14	14.4	69	1060/1000	2237/2205
	205/75 R16 C	113/111R	10	728	28.7	208	8.2	6.0	5.5 - 6.5	154	6.1	10.0	13	15.4	76	1250/1180	2756/2601
	215/60 R16 C	108/106R	8	664	26.2	217	8.6	6.5	6.0 - 7.0	173	6.8	10.7	14	13.9	69	1000/950	2205/2094
17"	215/65 R16 C	109/107T	8	686	27.0	212	8.3	6.5	6.0 - 7.0	165	6.5	10.8	14	14.1	69	1030/975	2271/2150
	215/75 R16 C	116/114R	10	727	28.6	213	8.4	6.0	5.5 - 6.5	144	5.7	9.6	12	16.8	76	1250/1180	2756/2601
	225/65 R16 C	112/110R	8	697	27.4	223	8.8	6.5	6.0 - 7.0	170	6.7	11.1	14	14.8	69	1120/1060	2469/2336
	225/75 R16 C	121/120R	10	746	29.4	216	8.5	6.0	5.5 - 6.5	215	8.5	10.5	13	17.9	83	1450/1400	3197/3086
	225/75 R16 C	121/120R	12	744	29.3	215	8.5	6.0	5.5 - 6.5	159	6.3	9.6	12	19.1	83	1450/1400	3196/3086
	235/65 R16 C	115/113R	8	713	28.1	236	9.3	7.0	6.5 - 7.5	180	7.1	10.7	13	16.0	69	1215/1150	2678/2535

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