

FEDERAL®

Federal Tires are more than just the best looking tires on the road. They also provide superb state-of-the-art speed, safety and comfort. Driving on the completely new TFT profile from Federal is like putting on a comfortable shirt with perfect fit. TFT tires for great style, excellent quality and great value.



Comfort
Based upon the confusion theory to decrease pitch-noise efficiently. The wide footprint offers a tenacious road grip.



Uni-Directional
Tread pattern design which delivers optimum performance during forward rotation.



Stability
Lateral sipes in the tread blocks provide all-season grip throughout the life of the tire.



Wide Shoulder
Wide shoulder blocks develop more cornering force and lateral grip for crisp steering response.



Hydroplaning
Optimizes exceptional grip on dry surfaces and strong resistance to hydroplaning on wet surface.



Dual-Layer Tread
Features a new mountain-shaped base compound with higher wet grip which surfaces and replaces the cap compound as the tire wears.



Dry Grip
Optimum pitch arrangement is achieved through computer simulation for minimum pattern noise.



TTIC
The Tire-tech Integration Concept utilizes computer simulations to optimize tread pattern design, tire shape, materials and construction for maximum tire performance.



Low Noise
Enhances lateral stiffness to provide both improved handling performance and ride comfort.



Silica
Applied wholly or partially as a substitute for carbon black, silica compound is to enhance performance in handling, heat build-up and mileage.



Rim Guard
Raised rubber ridge encircling the lower sidewall above the scuff-rib line.



Wet Grip
The new compound and technology provide good drainage for superior wet traction and the reinforced carcass enhances high speed durability.



M+S
Mud and Snow.



V Shape
Aggressive uni-directional V shaped lateral groove enhances steering stability as well as lateral drainage, and minimizes whirling resistance.



Multicell Compound
A highly advanced and unique foam rubber based compound.



Jointless
A spiral winding method of applying the nylon overlays which constrain the belt package under the tread.



TFT
Tire Fashion Tech.



State-of-the-art tire formulated for the ultimate driving experience. Rule the streets. Conquer the asphalt. Technologically advance 3-D tread design "Groove within Groove" technology for exceptional water dispersion capabilities and the latest compound formulated for competition. Precise cornering, exceptional grip. Responsive performance and control at high speeds.

- **UNIQUE 2-IN-1 PITCH ALIGNMENT PATTERN REDUCES NOISE LEVELS AT HIGH SPEEDS.**
- **CENTRAL RIB INCREASES STRAIGHT LINE STABILITY AND ON-CENTER FEEL.**
- **FOUR MAIN GROOVES DISPERSE WATER EFFECTIVELY TO PREVENT HYDROPLANING.**
- **LARGE, SOLID SHOULDER BLOCKS INCREASE LATERAL GRIP AND HANDLING STABILITY.**
- **INNOVATIVE 3-D GROOVE PROFILE COMBINES WITH A DOWNSTREAM LINE DESIGN ENHANCES WATER EVACUATION AND RUBBER-TO-THE-ROAD CONTACT.**



Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
55 SERIES										
165/55R15 75V***	.58163	22.0	6.9	5.0	4.5-6.0	5.889	.10	.36	.853	..\$
195/55R15 85V	.46166	23.3	8.1	6.0	5.5-6.5	6.786	.10	.36	1135	
205/55R15 88V		23.7	8.3	6.5	6.0-7.0	7.215	.11	.36	1235	
195/55R16 87V	.55918	24.2	8.1	6.0	5.5-6.5	6.786	.11	.36	1201	
205/55R16 94W	.46167	24.8	8.6	6.5	6.0-7.0	7.215	.11	.50	1477	
215/55R16 97Y		25.0	8.8	7.0	6.5-7.5	11.466	.11	.50	1609	
225/55R16 99Y		25.5	9.1	7.0	6.5-7.5	7.722	.11	.50	1709	
225/55R17 101Y		26.5	9.1	7.0	6.5-7.5	7.722	.11	.50	1819	
50 SERIES										
195/50R15 82V		22.5	7.8	6.0	5.5-6.5	6.864	.10	.44	1047	
205/50R15 86V		22.9	8.3	6.5	6.0-7.0	7.254	.10	.44	1168	
225/50R15 91V		23.7	9.1	7.0	6.5-7.5	7.878	.10	.36	1356	
195/50R16 94V		23.5	7.8	6.0	5.5-6.5	6.864	.10	.44	1102	
205/50R16 87W		23.9	8.3	6.5	6.0-7.0	7.254	.10	.44	1201	
225/50R16 96W		24.6	9.1	7.0	6.5-7.5	7.878	.11	.50	1389	
205/50R17 93Y		24.9	8.3	6.5	6.0-7.0	7.254	.10	.50	1433	
215/50R17 91Y		25.3	8.8	7.0	6.5-7.5	7.605	.11	.44	1356	
225/50R17 98Y		25.7	9.1	7.0	6.5-7.5	7.878	.11	.50	1653	
45 SERIES										
195/45R14 77V		20.7	7.6	6.5	6.0-7.0	6.903	.10	.36	.908	
205/45R16 87W	.46168	23.1	8.2	7.0	6.5-7.5	7.215	.10	.50	1201	
215/45R16 86W		23.4	8.3	7.0	6.5-7.5	7.411	.10	.44	1168	
225/45R16 89W		23.7	8.8	7.5	7.0-8.0	7.839	.10	.44	1279	
245/45R16 94W		24.4	9.5	8.0	7.5-8.5	8.463	.10	.44	1477	
205/45R17 88Y		24.0	8.0	7.0	6.5-7.5	7.215	.10	.50	1235	
215/45R17 91Y	.46169	24.6	8.4	7.0	6.5-7.5	7.411	.10	.50	1356	
225/45R17 94Y	.60080	24.7	8.8	7.5	7.0-8.0	7.839	.10	.50	1477	
235/45R17 97Y		25.1	9.2	8.0	7.5-8.5	8.151	.10	.50	1609	
245/45R17 99Y		25.4	9.5	8.0	7.5-8.5	8.463	.10	.50	1709	
255/45R17 102Y	.55904	26.0	10.1	8.5	8.0-9.0	9.321	.10	.50	1874	
225/45R18 95Y		25.7	8.8	7.5	7.0-8.0	7.839	.10	.50	1521	
245/45R18 100Y		26.4	9.5	8.0	7.5-8.5	8.463	.10	.50	1764	
40 SERIES										
225/40R16 85W		22.8	9.0	8.0	7.5-8.5	8.307	.10	.44	1135	
205/40R17 84Y		23.2	8.3	7.5	7.0-8.0	7.683	.10	.50	1102	
215/40R17 87Y		23.5	8.6	7.5	7.0-8.0	7.956	.10	.50	1201	
235/40R17 94Y		24.1	9.4	8.5	8.0-9.0	9.087	.10	.50	1477	
245/40R17 95Y		24.4	9.8	8.5	8.0-9.0	9.009	.10	.50	1521	
255/40R17 98Y		24.7	10.1	9.0	8.5-9.5	9.321	.10	.50	1653	
265/40R17 96Y		25.2	10.8	9.5	9.0-10.0	9.711	.10	.44	1565	
225/40R18 92Y	.60087	25.0	9.1	8.0	7.5-8.5	8.307	.10	.50	1389	
235/40R18 95Y		25.1	9.4	8.5	8.0-9.0	8.697	.10	.50	1521	
245/40R18 97Y		25.4	9.8	8.5	8.0-9.0	9.009	.10	.50	1609	
255/40R18 99Y										
265/40R18 101Y										
245/40R20 95Y	.55906	27.6	9.9	8.5	8.0-9.0	9.009	.10	.44	1521	
35 SERIES										
215/35R17 83Y		22.6	8.5	7.5	7.0-8.0	7.761	.10	.50	1074	
225/35R17 86Y		22.9	9.0	8.0	7.5-8.5	8.112	.10	.50	1168	
245/35R17 87Y		23.5	9.7	8.5	8.0-9.0	8.814	.10	.44	1201	
215/35R18 84Y		23.6	8.6	7.5	7.0-8.0	7.761	.10	.50	1102	
225/35R18 87Y		23.9	9.0	8.0	7.5-8.5	8.112	.10	.50	1201	
245/35R18 92Y		24.5	9.7	8.5	8.0-9.0	8.814	.10	.50	1389	
255/35R18 94Y		24.7	10.1	9.0	8.5-9.5	9.165	.11	.50	1477	
265/35R18 97Y		25.0	10.6	9.5	9.0-10.0	9.516	.11	.50	1609	
285/35R18 101Y										
215/35R19 85Y		24.6	8.6	7.5	7.0-8.0	7.761	.10	.50	1135	
225/35R19 88Y		24.9	9.0	8.0	7.5-8.5	8.112	.10	.50	1235	
235/35R19 91Y		25.2	9.4	8.5	8.0-9.0	8.502	.10	.50	1356	
245/35R19 93Y	.46170	25.6	9.8	8.5	8.0-9.0	8.814	.11	.50	1433	
255/35R19 96Y		25.7	10.1	9.0	8.5-9.5	9.165	.11	.50	1565	
225/35R20 90Y	.46107	26.1	8.8	8.0	7.5-8.5	8.112	.10	.50	1323	
245/35R20 95Y	.46171	26.7	9.8	8.5	8.0-9.0	8.814	.11	.50	1521	
255/35R20 97Y	.46172	26.9	10.2	9.0	8.5-9.5	9.165	.11	.50	1609	
30 SERIES										
2285/30R18 97Y		24.5	11.3	10.0	9.5-10.5	10.101	.11	.50	1609	
265/30R19 93Y		25.0	10.6	9.5	9.0-10.0	9.477	.11	.50	1433	
275/30R19 98Y		25.2	10.8	9.5	9.0-10.0	9.711	.11	.50	1565	
285/30R19 98Y										
225/30R20 85Y		25.0	9.0	8.0	7.5-8.5	8.073	.10	.50	1135	
255/30R20 92Y		25.7	10.1	9.0	8.5-9.5	9.087	.10	.50	1389	
275/30R20 97Y	.45513	26.4	11.0	9.5	9.0-10.0	9.711	.11	.50	1609	
285/30R20 99Y		26.4	11.3	10.0	9.5-10.5	10.101	.11	.50	1709	

***Japanese K-car size.



UTQG: 240 AA A

The SS535 is Federal's international ultra-high performance tire, developed for sport cars requiring flat-out performance as well as excellent riding comfort. While Federal's latest fundamental tire technology, TTIC, gives you smoother, faster and safer driving. The newly developed M.P.O. (Magnify Performance Optimization) technology also offers the driver a more consistent performance not just when new but throughout the whole life of the tire.

- **FLANGE PROTECTOR PROTECTS ALLOY RIMS FROM CURB DAMAGE.**
- **HEXIFORM BEAD PROFILE EFFICIENTLY LOCKS TIRE ONTO WHEEL RIM.**
- **THREE RADIUS TREAD (T.R.T.A.) DELIVERS EVEN PRESSURE ACROSS THE CONTACT PATCH.**
- **OPTI-NOISE TECHNOLOGY FOR A QUIET RIDE.**
- **UNI-DIRECTIONAL TREAD PATTERN.**



Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
60 SERIES										
NEW 205/60R14 89H	.71912	.23.7	.8	.6.0	.5.5~7.5	.6.3	.10	.36	.1279	.. \$
55 SERIES										
185/55R14 80V	.29382	.22.1	.7.3	.5.0	.4.0~6.0	.6.5	.9	.36	.990	..
185/55R15 82V	.29383	.23.0	.7.3	.5.0	.4.5~6.0	.6.5	.9	.36	.1045	..
195/55R15 85W	.29384	.23.4	.7.7	.5.5	.5.0~6.0	.6.8	.9	.44	.1133	..
205/55R16 91W	.23992	.24.9	.8.1	.5.5	.5.0~6.0	.7.1	.9	.44	.1353	..
215/55R16 93W	.21456	.25.3	.8.5	.6.0	.5.0~7.0	.7.5	.10	.44	.1430	..
225/55R17 97W	.37304	.26.8	.8.9	.7.0	.6~8	.8.2	.10	.36	.609	..
255/55R17 102V	.29385	.28.1	.10.2	.8.0	.7.5~8.5	.9.1	.10	.36	.1870	..
255/55R18 XL 109V	.55903	.29.0	.10.3	.8.0	.7~9	.9.1	.10	.50	.2271	..
50 SERIES										
195/50R15 82W	.46159	.22.7	.7.9	.6.0	.5.0~7.0	.6.7	.9	.44	.1045	..
205/50R16 87W	.46163	.24.0	.8.3	.6.5	.5.0~7.0	.7.1	.10	.44	.1199	..
245/50R16 97V	.33694	.25.7	.9.8	.7.5	.6.5~8.5	.9.1	.11	.36	.1606	..
205/50R17 XL 93W	.55901	.25.1	.8.5	.6.5	.5.5~7.5	.7.1	.10	.50	.1433	..
215/50R17 91W	.29780	.25.5	.8.7	.7.0	.6.0~8.0	.7.9	.10	.44	.1353	..
225/50R17 94W	.29781	.25.9	.9.1	.6.0	.6.0~8.0	.8.2	.10	.44	.1474	..
255/50R17 101V	.29386	.27.1	.10.2	.8.0	.7.0~9.0	.9.3	.11	.36	.1815	..
235/50R18 XL 101W	.55902	.27.2	.9.8	.7.5	.6.5~8.5	.8.9	.10	.50	.1819	..
45 SERIES										
195/45R15 78V	.29387	.21.9	.7.9	.6.5	.6.0~7.0	.6.9	.9	.36	.935	..
205/45R16 83V	.19494	.23.2	.8.3	.7.0	.6.5~7.5	.7.1	.9	.36	.1071	..
205/45R17 84V	.21376	.24.2	.8.2	.7.0	.6.5~7.5	.7.1	.10	.36	.1100	..
215/45R17 87V	.18969	.24.6	.8.7	.7.0	.6.5~7.5	.7.6	.10	.36	.1199	..
215/45R17 87W	.45207	.24.6	.8.7	.7.0	.6.0~8.0	.7.6	.10	.44	.1199	..
225/45R17 91V	.18970	.24.9	.9.1	.7.5	.7.0~8.0	.7.9	.10	.36	.1353	..
235/45R17 93V	.18971	.25.3	.9.5	.8.0	.7.5~9.0	.8.3	.10	.36	.1430	..
245/45R17 95V	.22132	.25.6	.9.9	.8.0	.7.0~9.0	.8.5	.10	.36	.1518	..
225/45R18 91W	.37305	.25.9	.9.1	.7.5	.7.0~8.5	.7.7	.10	.44	.1353	..
245/45R18 96W	.31378	.26.6	.9.9	.8.0	.7.0~9.0	.8.7	.10	.44	.1562	..
NEW 255/45R18 XL 103Y	.58930									
40 SERIES										
205/40R16 83V**	.21377	.22.4	.8.3	.7.0	.6.5~7.5	.7.3	.9	.36	.1071	..
205/40R17 80V	.21378	.23.4	.8.7	.7.0	.6.0~8.0	.7.3	.9	.36	.990	..
215/40R17 83V	.19495	.23.7	.8.7	.7.5	.7.0~8.0	.7.5	.9	.36	.1071	..
235/40R17 90V	.21379	.24.3	.9.5	.8.0	.7.5~8.5	.8.3	.9	.36	.1320	..
245/40R17 92V	.33693	.24.7	.9.9	.8.5	.8.0~9.5	.8.6	.10	.44	.1386	..
255/40R17 94V	.18972	.25.0	.10.2	.8.5	.7.5~9.0	.8.7	.10	.36	.1474	..
275/40R17 98V	.35742	.25.7	.11.0	.9.5	.9.0~11.0	.9.7	.10	.44	.1653	..
215/40R18 85W	.23550	.24.8	.8.7	.7.5	.7.0~8.0	.7.5	.10	.44	.1133	..
225/40R18 88W	.23551	.25.0	.9.1	.8.0	.7.0~9.0	.8.2	.10	.44	.1232	..
235/40R18 91W	.23552	.25.3	.9.5	.8.5	.7.5~9.0	.8.3	.10	.44	.1353	..
245/40R18 93W	.23553	.25.6	.9.9	.8.5	.8.0~9.5	.8.7	.10	.44	.1430	..
245/40R19 98Y	.58264	.26.7	.9.9	.8.5	.8.0~9.5	.8.9	.11	.50	.1653	..
255/40R19 96W	.35354	.27.1	.10.2	.9.0	.8.5~10	.9.4	.10	.44	.1562	..
35 SERIES										
215/35R18 84W**	.23554	.23.9	.8.7	.7.5	.7.0~8.0	.7.5	.10	.44	.1100	..
225/35R18 83W	.23555	.24.2	.9.1	.9.1	.7.5~8.5	.7.9	.10	.44	.1071	..
255/35R18 90W	.23557	.25.0	.10.2	.9.0	.8.5~10.0	.9.4	.11	.44	.1320	..
265/35R18 93W	.36721	.25.3	.10.6	.9.5	.9~10.5	.8.7	.11	.44	.1430	..
215/35R19 85W**	.37307	.24.9	.8.5	.7.5	.7.0~8.5	.7.1	.10	.44	.1133	..
225/35R19 84W	.37308	.25.3	.9.1	.8.0	.7.5~9.0	.8.2	.10	.44	.1100	..
235/35R19 XL 91W	.40515	.25.5	.9.2	.8.5	.8.0~9.5	.8.6	.10	.50	.1356	..
245/35R19 93W**	.36723	.25.8	.9.9	.8.5	.8.0~9.5	.8.9	.10	.44	.1276	..
245/35R20 91W	.37309	.26.8	.9.9	.8.5	.8.0~9.5	.8.8	.10	.44	.1353	..
255/35R20 93W	.37310	.27.1	.10.2	.9.0	.8.5~10	.9.4	.10	.44	.1430	..
30 SERIES										
265/30R19 89W	.37311	.25.4	.10.6	.9.5	.9.0~10.0	.9.9	.10	.44	.1276	..
275/30R19 92W	.37312	.25.6	.11.0	.9.5	.9.0~10.0	.10.3	.10	.44	.1386	..

** = REINFORCED

FEDERAL SS595RS-R

High-Performance Radial



UTQG: 180 AA A

For the ROAD WARRIOR. Semi-Slick, sport competition radial designed for exceptional traction and grip. Specially formulated compounds combined with cutting edge technological advances in design, construction and tread pattern. Best performance in its class - a street legal competition tire with all the characteristics of a slick. The tire for racing and tuning enthusiasts. CHALLENGE YOUR LIMIT!!

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
50 SERIES										
195/50R15 82W	.39750	22.5	7.8	6.0	5.5-6.5	6.9	10	44	1047	\$
205/50R15 89W XL	.55907	23.2	8.3	6.5	6.0-7.0	7.1	10	32	1276	
205/50R16 87W	.40991	23.8	8.2	6.5	6.0-7.0	7.1	10	44	1201	
45 SERIES										
205/45R16 83W	.39751	23.0	8.2	7.0	6.5-7.5	7.3	10	44	1073	
215/45R17 87W	.39752	24.4	8.5	7.0	6.5-7.5	7.6	10	44	1201	
225/45R17 94W	.41047	24.7	9.0	7.5	7.0-8.0	8	10	50	1477	
235/45R17 94W	.39753	25.1	9.4	8.0	7.5-8.5	8.3	10	44	1477	
40 SERIES										
235/40R17 90W	.40624	24.1	9.3	8.0	7.5-8.5	8.4	10	44	1323	
225/40R18 88W	.41018	24.8	9.0	8.0	7.5-8.5	8	10	44	1235	
235/40R18 91W	.41019	25.1	9.4	8.5	8.0-9.0	8.5	10	44	1356	
35 SERIES										
245/35R18 88W	.23556	24.5	9.7	8.5	8.0-9.0	8.7	10	44	1234	
255/35R18 90W	.41016	24.7	10.1	9.0	8.5-9.5	9.2	10	44	1323	
265/35R18 93W	.41017	25.1	10.6	9.5	9.0-10.0	9.6	10	44	1433	

- **EVENLY DISPERSED BLOCK STIFFNESS, SAME LEVEL OF STIFFNESS IN THE CENTER AND THE SHOULDER FOR STRONGER GRIP AND TRACTION, PREVENTS IRREGULAR WEAR.**
- **UNI-DIRECTIONAL V-SHAPED MAIN GROOVE ENHANCES STREAMLINE FORM AND ALSO IMPROVES AQUAPLANING ABILITY AT HIGH SPEEDS. WIDE-ANGLED GROOVES INCREASE BLOCK STIFFNESS, FURTHER ENHANCING TIRE'S GRIP AND TRACTION.**
- **ENGRAVED PATTERN NAME ALONG THE GROOVE CREATES AN EXQUISITE PRODUCT IMAGE.**
- **SUB-GROOVES ON THE SHOULDER DISPERSE BLOCK STIFFNESS, IMPROVING RIDE COMFORT, GRIP, AND TRACTION.**
- **COMPLETE BLOCK STIFFNESS PROVIDES EXCELLENT LATERAL STABILITY IN CORNERING.**



FEDERAL FORMOZA FD1

Performance Radial



UTQG: 460 AA

Driven by the need of increased comfort and performance, Federal's advanced technology, TTIC, specially engineered a new PCR tire, the Formoza FD1, with stylish tread pattern yet without compromising its quality, comfort and tire life. Made from advanced rubber compound, the Formoza FD1 has a long tread life, delivers a superior ride comfort on uneven road surfaces and produces minimal noise level for a quiet ride resulting in fuel efficiency.

- **EXCELLENT WATER EVACUATION.**
- **LOW NOISE AND COMFORTABLE RIDE.**
- **MAXIMIZED WET AND DRY PERFORMANCE.**
- **SUPERB STEERING RESPONSE.**

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
65 SERIES - UTQG 460 A A										
175/65R14 82H	.39703	23.0	6.9	5.0	4-6	5.4	10	36	1045	\$
185/65R14 86H	.39704	23.5	7.3	5.0	4-6	5.7	10	36	1166	
195/65R14 89H	.39705	24.0	7.7	5.5	4.5-6.5	6	10	36	1276	
185/65R15 88H	.37362	24.4	7.3	5.0	4-7	5.7	10	36	1232	
195/65R15 91H	.39707	25.0	7.7	5.5	4.5-6.5	6	10	36	1353	
195/65R15 91V	.39708	25.0	7.7	5.5	4.5-6.5	6	10	36	1353	
205/65R15 95H	.39709	25.5	8.1	5.5	4-6.5	6.3	10	36	1518	
205/65R15 95V	.39710	25.5	8.1	5.5	4.5-6.5	6.3	10	36	1518	
215/65R15 96H	.39711	26.0	8.5	6.0	5-7	6.5	10	36	1562	
60 SERIES - UTQG 460 A A										
175/60R13 77H	.39712	21.3	6.9	5.0	4-6	5.4	10	36	906	
185/60R13 80H	.39713	21.7	7.3	5.0	4-6	5.8	10	36	990	
205/60R13 87H	.39714	22.7	8.1	5.5	4.5-6.5	6.5	10	36	1199	
165/60R14 75H	.39715	21.8	6.5	4.5	4-5	5.2	10	36	851	
175/60R14 79H	.39716	22.3	6.9	5.0	4-6	5.4	10	36	961	
185/60R14 82H	.39717	22.8	7.3	5.0	4-6	5.8	10	36	1045	
195/60R14 86H	.39718	23.2	7.7	5.5	4.5-6.5	6.2	10	36	1166	
205/60R14 89H	.39719	23.7	8.1	5.5	4.5-6.5	6.5	10	36	1276	
215/60R14 91H	.39720	24.2	8.5	6.0	5-7	6.8	10	36	1353	
185/60R15 84H	.35349	23.7	7.3	5.0	4-7	5.8	10	36	1100	
195/60R15 88H	.39721	24.2	7.7	5.5	4.5-6.5	6.2	10	36	1232	
195/60R15 88V	.39722	24.2	7.7	5.5	4.5-6.5	6.2	10	36	1232	
205/60R15 91H	.39723	24.7	8.1	5.5	4.6-6.5	6.5	10	36	1353	
205/60R15 91V	.39740	24.7	8.1	5.5	4.6-6.5	6.5	10	36	1353	
215/60R15 94H	.35093	25.2	8.5	6.0	5-7	6.8	11	36	1474	
225/60R15 96V	.39724	25.6	8.9	6.0	5-7	6.9	11	36	1562	
205/60R16 92V	.37361	25.6	8.1	6.0	5.5-7.5	6.5	11	36	1388	
215/60R16 95V	.39725	26.1	8.5	6.0	5-7	6.8	11	36	1518	
225/60R16 98V	.31376	26.6	8.9	6.0	5-7	6.8	11	36	1650	
235/60R16 100V	.35352	27.1	9.3	6.5	5.5-7.5	7.3	11	36	1760	
55 SERIES - UTQG 360 A A										
155/55R14 69V***	.39726	20.7	6.1	5.0	4.0-6.0	5.7	10	36	715	
165/55R14 72V***	.39728	21.2	6.5	5.0	4.5-5.5	5.8	10	36	781	
185/55R15 82V	.39729	23.0	7.3	6.0	5-7	6.5	10	36	1045	
195/55R15 85V	.39731	23.4	8.1	6.0	5-7	6.8	10	36	1133	
205/55R16 91V	.39732	24.9	8.1	5.5	4.5-6.5	7.2	10	36	1353	
215/55R16 93V	.39733	25.3	8.5	7.0	5-7	7.6	10	36	1430	
50 SERIES - UTQG 360 A A										
165/50R15 73V***	.46135	21.5	6.5	5.0	4.5-6.0	5.8	10	36	783	
205/50R16 87V	.39734	24.1	8.1	6.0	4.5-6.5	7.4	10	36	1199	
45 SERIES - UTQG 320 A A										
165/45R15 68V***	.39735	20.8	6.5	5.0	5.0-6.0	6.1	10	36	693	

***Japanese K-car size.





UTQG: 420 AA

The evolution of the FD1, Federal's all new and improved Formoza FD2 all the performance and comfort features of the FD1 plus Federal Technology Center's newest add-on, D.P.E.T. (Disorder Pitch Evolution Theory) to reduce noise levels to the minimum while maintaining performance and handling capabilities. This extension of the popular Formoza series provides the performance and comfort you need, with the looks you crave.

- **VARIABLE SUB-GROOVES IN THE SHOULDER BLOCKS FURTHER REDUCES IMPACT NOISE FOR IMPROVED NOISE COMFORT.**
- **3 IN 1 INNOVATIVE GROOVE DESIGN VIBRATION AND PULSATION FREQUENCY DISTURBING EVEN TO THE MOST DISCERNING DRIVER.**
- **WIDER SOLID CENTRAL RIB INCREASES STRAIGHT LINE STABILITY AND ON-CENTER FEEL.**
- **WIDE CIRCUMFERENTIAL GROOVES AND TREAD PATTERN PROMOTES RAPID WATER EVACUATION AND PREVENTS HYDRO-PLANING FOR CONFIDENT AND SAFE DRIVING ON WET/DAMP SURFACES.**
- **COMPUTER-DESIGNED TREAD ELEMENTS AND FINITE ELEMENT MODELING FOR A STABLE FOOTPRINT AND EVEN AND LONG TREAD WEAR.**

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
65 SERIES										
155/65R14 75H***	46137	22.1	5.9	4.5	4.5~5.5	4.7	9.7	36	.853	\$.
175/65R14 82H		23.0	6.9	5.0	4.5~5.5	5.9	10	36	.1047	
185/65R14 86H	55889	23.5	7.5	5.5	5~6	6.3	10	36	.1168	
195/65R14 89H		24.0	7.8	6.0	5.5~6.5	6.6	10	36	.1279	
185/65R15 88H		24.4	7.3	5.5	5~6	6.3	10	36	.1235	
195/65R15 91V	46141	25.0	7.9	6.0	5.5~6.5	6.6	10	36	.1356	
205/65R15 95V	46142	25.5	8.3	6.0	5.5~6.5	6.9	10	36	.1521	
215/65R15 96V		26.0	8.5	6.5	6~7	7.2	10	36	.1565	
205/65R16 95V	46150	26.5	8.2	6.0	5.5~6.5	6.9	10	36	.1521	
60 SERIES										
185/60R14 82H	46136	22.8	7.3	5.5	5~6	6.3	10	36	.1047	
195/60R14 86H	55888	23.3	7.9	6.0	5.5~6.5	6.6	10	36	.1168	
195/60R15 88V	46139	24.2	7.9	6.0	5.5~6.5	6.6	10	36	.1235	
205/60R15 91V	46140	24.7	8.1	6.0	5.5~6.5	6.9	10	36	.1356	
215/60R15 94V	55916	25.1	8.4	6.5	6~7	7.2	11	36	.1477	
225/60R15 96V		25.6	8.9	6.5	6~7	7.5	11	36	.1565	
205/60R16 92V		25.7	8.1	6.0	5.5~6.5	6.9	10	36	.1389	
215/60R16 95V		26.1	8.5	6.5	6~7	7.2	11	36	.1521	
225/60R16 98W	46149	26.6	8.9	6.5	6~7	7.5	11	50	.1653	
235/60R16 100V		27.1	10.5	7.0	6.5~7.5	7.9	11	36	.1764	
NEW 215/60R17 96H	74663	27.1	9.2	6.5			11	44	.1565	
55 SERIES										
195/55R15 85V	46138	23.4	8.2	6.0	5.5~6.5	6.9	10	36	.1135	
205/55R16 94W	46146	24.8	8.5	6.5	6~7	7.5	10	50	.1477	
215/55R16 97W	46147	25.2	9.0	7.0	6.5~7.5	7.6	11	50	.1609	
225/55R16 99W		25.7	9.0	7.0	6.5~7.5	7.8	11	50	.1709	
NEW 205/55R17 95Y	58161	25.9	8.4	6.5	5.5~7.5	7.3	11	50	.1521	
215/55R17 98W	44720	26.3	9.0	7.0	6.5~7.5	7.6	11	50	.1653	
225/55R17 101W	44721	26.8	9.2	7.0	6.5~7.5	8.0	11	50	.1819	
235/55R17 103W	46154	27.2	9.8	7.5	7~8	8.2	11	50	.1929	
50 SERIES										
205/50R16 87W		24.1	8.1	6.5	6~7	7.3	10	44	.1201	
225/50R16 96W	46145	24.8	9.0	7.0	6.5~7.5	8.0	11	50	.1565	
215/50R17 95W		25.5	8.5	7.0	6.5~7.5	7.7	11	50	.1521	
225/50R17 89W		25.9	9.0	7.0	6.5~7.5	8.0	11	50	.1653	
235/50R17 96W	46153	26.3	9.7	7.5	7.0~8.0	8.3	11	44	.1565	
45 SERIES										
205/45R16 87W	46143	23.6	8.2	7.0	6.5~7.5	7.3	10	50	.1201	
215/45R17 91W		24.6	8.4	7.0	6.5~7.5	7.5	11	50	.1356	
225/45R17 94W	58162	25.0	8.9	7.5	7~8	7.9	11	50	.1477	
235/45R17 97W	46152	25.4	9.3	8.0	7.5~8.5	8.2	11	50	.1609	
215/45R18 93W	46155	25.8	8.3	7.0	6.5~7.5	7.5	11	50	.1433	
NEW 225/45R18 95W XL	73091	25.9	9.0	7.5	7.0~8.0	7.9	11	50	.1521	
40 SERIES										
215/40R17 87W		23.8	8.5	7.5	7~8	7.8	10	50	.1201	
235/40R17 94W		24.4	9.3	8.5	8~9	8.6	10	50	.1477	
NEW 215/40R18 85W	74917	24.7	5.1	7.5			10	44	.1135	
225/40R18 92W	55890	25.1	9.1	8.0	7.5~8.5	8.2	10	50	.1389	
235/40R18 95W		25.4	9.3	8.5	8~9	8.6	10	50	.1433	
NEW 245/40R19 98W XL	71957									
255/40R19 100Y	44722	27.0	10.2	9.0	8.5~9.5	9.3	10	50	.1764	
35 SERIES										
NEW 225/35R20 95W XL	73090	26.3	9.4	8.0	7.5~8.5	8.2	10	50	.1521	
30 SERIES										
NEW 225/30R20 85W XL	73088	25.4	8.8	8.0	7.5~8.5	8.3	10	50	.1135	
NEW 245/30R20 90W XL	73089	25.9	9.6	8.5	8.0~9.0	8.9	10	50	.1323	



FEDERAL SS535

High-Performance Radial



50/55 UTQG: 260 A A
60/65 UTQG: 320 A A

The SS535 sports-type ultra-high performance tire is developed for car enthusiasts who especially require superior handling performance. Federal's fundamental TTIC technology newly developed M.P.O. (Magnify Performance Optimization) technology brings the performance of the SS535 to an un-precedented throughout the whole life of the tire.

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
55 SERIES - UTQG 260 A A										
205/55R15 88V	.21381	.23.8	.8.1	.5.5	4.5-6.5	.7.2	.9	.36	.1232\$
50 SERIES - UTQG 260 A A										
205/50R15 86V	.20321	.23.0	.8.1	.5.5	4.5-6.5	.7.2	.9	.36	.1166	.....
195/50R16 84V	.21383	.23.6	.7.7	.5.5	4.5-6.5	.6.9	.9	.36	.1100	.....

- FLANGE PROTECTOR PROTECTS ALLOY RIMS FROM CURB DAMAGE.
- HEXIFORM BEAD PROFILE EFFICIENTLY LOCKS TIRE ONTO WHEEL RIM.
- THREE RADIUS TREAD (T.R.T.A.) DELIVERS EVEN PRESSURE ACROSS THE CONTACT PATCH.
- OPTI-NOISE TECHNOLOGY FOR A QUIET RIDE.
- UNI-DIRECTIONAL TREAD PATTERN.



FEDERAL SS657

Performance Radial



UTQG: 420 AA

- LOW NOISE AND COMFORTABLE RIDE.
- EFFICIENT COMFORTABLE T & H-RATED RADIAL TIRE.
- DISSIPATES WATER QUICKLY FOR SUPER WET ROAD GRIP.

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
BLACKWALL										
65 SERIES - UTQG 420 A A										
185/65R14 86H	.36656	.23.4	.7.2	.5.5	4.0-6.0	.5.7	.10	.36	.1060\$
195/65R14 88H	.40205	.23.8	.7.9	.6.0	5.5-7.0	.5.9	.10	.36	.1279	.....
185/65R15 88H	.41053	.24.3	.7.4	.5.5	5.0-6.5	.5.5	.11	.36	.1235	.....
195/65R15 91H	.35680	.24.8	.7.8	.6.0	4.4-6.5	.6.1	.10	.36	.1230	.....
NEW 195/65R15 91T	.46134	.26.5	.7.9	.6.0	5.5-6.5	.5.9	.9.2	.36	.1380	.....
205/65R15 95H	.35681	.25.2	.8.0	.6.0	5.5-7.5	.6.4	.10	.36	.1380	.....
215/65R15 96H	.41054	.25.8	.8.6	.6.5	6.0-7.5	.6.4	.9	.36	.1565	.....
60 SERIES - UTQG 420 A A										
NEW 175/60R13 77H	.69409	.21.6	.6.7	.4.5	.....	.4.5	.9.6	.44	.908	.....
185/60R14 82H	.40199	.22.8	.7.3	.5.5	5.0-6.5	.5.9	.10	.36	.1047	.....
195/60R14 86H	.40200	.23.0	.8.0	.6.0	5.5-7.0	.6.2	.10	.36	.1168	.....
205/60R14 89H	.40201	.23.5	.8.1	.6.0	5.5-7.5	.6.4	.10	.36	.1279	.....
185/60R15 84H	.....	.23.5	.7.3	.5.5	5.0-6.5	.5.7	.10	.36	.1102	.....
195/60R15 88H	.39795	.24.0	.7.6	.6.0	5.5-7.0	.6.2	.10	.36	.1234	.....
205/60R15 91H	.39796	.24.5	.8.2	.6.0	5.5-7.5	.6.6	.11	.36	.1356	.....
215/60R15 94H	.40202	.25.2	.8.5	.6.0	5.0-7.0	.6.8	.11	.36	.1474	.....
225/60R15 96H	.41049	.25.4	.8.9	.6.5	6.0-8.0	.6.9	.11	.36	.1565	.....
205/60R16 92H	.41050	.25.4	.8.1	.6.0	5.5-7.5	.6.2	.9	.36	.1389	.....
215/60R16 95H	.41051	.25.9	.8.6	.6.5	6.0-7.5	.6.6	.9	.36	.1521	.....
225/60R16 98H	.40203	.26.4	.9.0	.6.5	6.0-8.0	.7.1	.11	.36	.1653	.....
235/60R16 100H	.54160	.26.8	.9.2	.7.0	6.5-7.5	.7.3	.11	.36	.1764	.....



FEDERAL COURAGIA F/X

High Performance Sport Truck & SUV Radial



UTQG: 320 AA

- EXTREME STABILITY UNDER HIGH SPEEDS.
- EXCELLENT GRIP FOR DRY AND WET ROAD CONDITIONS.
- EXCEPTIONALLY SMOOTH AND QUIET RIDE.

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
235/65R17 108V XL	.74907	.28.9	.9.4	.7	6.5 - 7.5	.7.5	.10	.50	.2205\$
235/60R18 107V XL	.74914	.28.9	.9.4	.7	6.5 - 7.5	.8	.10	.50	.2150	.....
255/55ZR18 109Y XL	.74915	.29	.11	.8	7.5 - 8.5	.9.4	.10	.50	.2270	.....
255/50ZR19 107W XL	.74916	.29	.10.2	.8	7.5 - 8.5	.8.9	.10	.50	.2150	.....
275/40ZR20 106W XL	.....	.28.6	.10.8	.9.5	9.0 - 10.0	.8.9	.10	.50	.2095	.....



FEDERAL COURAGIA A/T

High Performance Sport Truck & SUV Radial



Incorporating Federal's latest technology, D.P.E.T., compound, and pattern design, the Couragia A/T performs and handles superbly at high speeds, disperses and channels water with utmost efficiency, delivering exceptional safety on all terrains.

FEATURES:

- **WIDE-ANGLED LATERAL GROOVES ENHANCES ON- AND OFF-ROAD CAPABILITIES AND PERFORMANCE.**
- **WIDENED MULTI-ANGLED ZIG-ZAG SIDES AND LATERAL GROOVES ENHANCE WATER DISPERSION CAPABILITIES.**
- **NEWLY DESIGNED ZIG-ZAG INTERSECTING SIDES FOR BETTER MUD AND SNOW PERFORMANCE.**
- **UNIQUELY ANGLED PATTERN PREVENTS BUILD-UP OF FOREIGN SUBSTANCES.**
- **NEWLY DESIGNED SLITS IMPROVE GRIP WHILE REDUCING NOISE LEVELS.**

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
OUTLINED WHITE LETTER										
P265/65R17 113S		30.6	10.7	8.0	7.5-8.5	8.1	N/A	44	2535	\$
P275/65R17 115T		31.1	11.0	8.0	7.5-8.5	8.3	N/A	44	2679	
P215/70R16 100T	69064	27.9	8.7	6.5	7.0-7.0	6.9	13.0	44	1764	
P225/70R16 101S	69046	28.4	9.0	6.5	6.0-7.0	7.0	13.0	44	1819	
P235/70R16 106S	58172	29.0	9.3	7.0	6.5-7.5	7.3	12.2	44	2094	
P245/70R16 107S	69065	29.5	9.8	7.0	6.5-7.5	7.7	13.0	44	2149	
P255/70R16 111S	69057	30.1	10.2	7.5	7.0-8.0	8.1	13.0	44	2403	
LT255/70R16/6		30.1	10.2	7.5	7.0-8.0	8.3	N/A	50	2205	
P265/70R16 112S	69066	30.6	10.7	8.0	7.5-8.5	8.4	12.0	44	2469	
P265/70R17 115S	69059	31.7	10.7	8.0	7.5-8.5	8.4	13.0	44	2679	
LT215/75R15/6	69060	27.7	8.5	6.0	5.5-6.5	6.2	13.0	50	1765	
P235/75R15 105S	58169	28.9	9.3	6.5	6.0-7.0	6.3	11.5	44	2039	
LT235/75R15/6	69061	28.9	9.3	6.5	6.0-7.0	6.8	14.0	50	1985	
P245/75R16 111S		30.5	9.8	7.0	6.5-7.5	6.6	N/A	44	2403	
LT245/75R16/10***	58170	30.5	9.8	7.0	6.5-7.5	7.0	15.4	80	3042	
P265/75R16 116S	69062	31.7	10.5	7.5	7.0-8.0	7.1	13.0	44	2756	
LT285/75R16/8***	69067	32.8	11.3	8.0	7.5-8.5	8.2	19.0	65	3415	
LT295/75R16/8***		33.4	11.6	8.0	7.5-8.5	8.4	N/A	65	3415	
LT315/75R16/8***		34.6	12.3	8.5	8.0-9.0	9.0	N/A	50	3195	
LT30X9.50R15/6	58166	29.8	9.4	7.5	7.0-8.0	7.5	15.6	50	1985	
LT31X10.50R15/6	58167	30.7	10.4	8.5	8.0-9.0	8.3	15.6	50	2270	
LT33X12.50R15/6		32.8	12.5	10.0	9.5-10.5	9.9	N/A	32	2040	
BLACKWALL										
P195/80R15 96S	72691	27.3	7.7	5.5	5.0-6.0	5.8	N/A	44	1565	
205/80R16 104S		28.9	8.0	5.5	5.0-6.0	6.0	N/A	50	1984	
P215/65R16 98H		27.0	8.7	6.5	6.0-7.0	6.6	N/A	44	1653	
NEW LT225/75R16/10 115/112Q	72742	29.3	8.8	6.0	5.5-6.5	6.5	14.0	65	2335	
NEW LT265/75R16/10 123/120Q	72743	31.8	10.2	7.5	7.0-8.0	7.6	19.0	65	3000	
NEW LT215/85R16/10 115/112Q	72741	30.4	8.5	6.0	5.5-6.5	6.7	15.0	65	2335	
LT235/85R16/10***	69068	31.7	9.3	6.5	6.0-7.0	6.7	15.0	80	3042	



FEDERAL COURAGIA M/T

High Performance Sport Truck & SUV Radial



Federal's ultimate off-road tire. Rugged off-road performance with the looks to match. Unprecedented traction, grip and strength. Pattern engineered to clear foreign substances to ensure constant performance. Aggressive block and shoulder lug offer awesome traction on dirt, rock, mud and gravel. Strong protection block on the upper shoulders to handle the toughest terrains. Designed to conquer the impossible.

Tire Size	Code #	Overall Diameter	Section Width	Standard Rim	Approved Rim Width	Tread Width	Tread Depth	Standard PSI (Cold)	Max Load	PRICE
OUTLINED WHITE LETTER										
NEW LT265/70R17/10	69147			10.7	7.0-8.5	8.3	20		1450	\$
NEW LT285/70R17/8 121/118Q	71958									
LT235/75R15/6	41069	28.6	8.9	6.5	6.0-7.0	6.8	19	50	1985	
LT265/75R16/8***	41070	31.5	10.1	7.5	7.0-8.0	7.5	19	65	3000	
LT285/75R16/8***	44691	32.6	11.0	8.0	7.5-8.5	8.1	19	65	3305	
30X9.50R15/6	44824	29.5	9.8	7.5	7.0-8.0	7.5	19	50	1985	
31X10.50R15/6	41068	30.6	10.5	8.5	7.0-9.0	7.8	19	50	2270	
NEW 33X12.50R15/6	69146	32.5	12.7	10.0	9.5-10.5	9.7	19	35	2205	
NEW 35X12.50R17 /10 125Q	72245			12.5	8.5-11	9.8	20		1360	
NEW 35X12.50R20/10	69148	34.8	12.5	10.0	8.0-11.0	8.3	21	65.0	2600	
BLACKWALL										
205/80R16/8	44825	28.6	8.2	6.0	5.5-6.5	6.2	19	65.0	1980	
LT235/85R16/10***	41071	31.4	9.0	6.5	6.0-7.0	6.6	19	80	3086	
NEW LT35X12.50R15/6 113Q	72692									
NEW 35X12.50R18/10 123Q	71959			12.5	8.5-11	9.8	20		1550	
NEW 35X12.50R20/10 121Q	72190			12.5	8.5-11.0	10.1	21		1450	

FEATURES:

- **LARGE AGGRESSIVE SHOULDER LUGS. STRONG PROTECTION BLOCKS ON THE UPPER SHOULDER FOR EXCEPTIONAL BRUISE, IMPACT, CUT RESISTANCE AND PROTECTION FROM OTHER OFF-ROAD HAZARDS.**
- **UNIQUELY DESIGNED INCREMENTAL BLOCK EDGE IMPROVES CLEARANCE OF DIRT AND SAND FOR CONSTANT PERFORMANCE.**
- **UNIQUELY DESIGNED RADIUS OF SUB-GROOVES ENHANCES OFF-ROAD PERFORMANCE.**
- **SRG (SLOPE RADIUS GRADIENT) BLOCK DESIGN INCREASES BLOCK STIFFNESS, ENHANCES PERFORMANCE, AND DELIVERS SERIOUS OFF-ROAD TRACTION.**
- **BAR AT BOTTOM OF GROOVE CLEARS MUD AND ROCK PARTICLES AND PROVIDES ULTIMATE OFF-ROAD TRACTION.**
- **DEEP SHOULDER LUGS AND SOPHISTICATED CENTRAL BLOCKS FULFILL THE MOST DEMANDING OFF-ROAD GRIP REQUIREMENTS AND STEERING CONTROL WHEN USED FOR OFF-ROAD APPLICATIONS.**
- **SPECIALLY FORMULATED ADVANCED TREAD COMPOUND RESISTS CUTS, CHIPS AND ABRASIONS FOR LONG LIFE AND EVEN WEAR.**

