

# FEDERAL®

## TIRES

UHP Tires / ULTIMATE PERFORMANCE

## EVOLUZIONE ST-1

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

- 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.



Coupe

Performance  
Sedan

Sports Car



Handling



Wet Grip



Performance



Asymmetric



Street



Summer



### 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.

Size	LI/SS	Overall Diameter mm	Section Width mm	Standard Rim in	Approved Rim Width in	Tread Width mm	Tread Depth mm	Weight KG	MAX. PSI COLD	Max Load KGS	UTQG	RR	Wet Grip	(dB <sub>S</sub> )	E_Sound
165/40R16	73V XL	542	174	6	6-6	148	7.9	N/A	50	365	300AA A	N/A	N/A	N/A	N/A
195/40ZR16	80W XL	565	201	7	6.5-7.5	174	7.9	7.7	50	450	300AA A	E	B	72	2
195/40ZR17	81W XL	589	200	7	6.5-7.5	174	8	8	50	462	300AA A	E	B	72	2
195/45R16	84V XL	584	190	6.5	6-7.5	170	7.6	7.7	50	500	300AA A	E	C	72	2
195/55R16	87V	621	196	6	5.5-7	170	7.9	8.6	44	545	300AA A	E	C	71	2
205/40ZR17	84Y XL	598	210	7.5	7-8	184	7.9	8.3	50	500	300AA A	E	B	72	2
205/40ZR18	86Y XL	622	212	7.5	7-8	184	8	9.2	50	530	300AA A	E	B	72	2
205/45ZR16	87W XL	592	204	7	6.5-7.5	178	7.6	8.5	50	545	300AA A	E	B	72	2
205/45ZR17	88Y XL	618	202	7	6.5-7.5	178	7.6	8.4	50	560	300AA A	E	B	72	2
205/50ZR16	87W	609	213	6.5	5.5-7.5	182	7.9	9.1	44	545	300AA A	E	B	71	2
205/50ZR17	93Y XL	641	210	6.5	5.5-7.5	182	7.9	10.3	50	650	300AA A	E	B	72	2
205/55ZR16	94W XL	635	208	6.5	5.5-7.5	184	7.9	10.3	50	670	300AA A	E	C	72	2
205/55ZR17	95Y XL	657	213	6.5	5.5-7.5	184	7.9	9.9	50	690	300AA A	E	B	72	2
215/35ZR18	84Y XL	608	217	7.5	7-8.5	186	7.7	9.5	50	500	300AA A	E	B	72	2
215/35ZR19	85Y XL	634	217	7.5	7-8.5	186	7.7	9.4	50	515	300AA A	E	B	72	2
215/40ZR17	87Y XL	604	217	7.5	7-8.5	190	8	9.3	50	545	300AA A	E	B	72	2
215/40ZR18	89Y XL	631	218	7.5	7-8.5	190	7.9	9.6	50	580	300AA A	E	B	72	2
215/45ZR16	86W	600	212	7	7-8	184	7.7	9	44	530	300AA A	E	B	71	2
215/45ZR17	91Y XL	624	211	7	7-8	184	7.6	9.3	50	615	300AA A	E	B	72	2
215/50ZR17	95W XL	647	222	7	6-7.5	192	8	11.1	50	690	300AA A	E	B	72	2
215/55ZR16	97Y XL	641	224	7	6-7.5	194	7.9	11.3	50	730	300AA A	E	B	72	2
215/55ZR17	98Y XL	667	225	7	6-7.5	194	7.9	11.4	50	750	300AA A	E	B	72	2
225/35ZR18	87Y XL	615	229	8	7.5-9	196	7.7	9.9	50	545	300AA A	E	B	72	2
225/35ZR19	88Y XL	638	238	8	7.5-9	196	7.7	10.1	50	560	300AA A	E	B	72	2
225/35ZR20	90Y XL	667	231	8	7.5-9	196	7.6	N/A	50	600	300AA A	E	B	72	2
225/40ZR18	92Y XL	641	224	8	7.5-9	202	7.9	10	50	630	300AA A	E	B	72	2
225/40ZR19	93Y XL	665	228	8	7.5-9	202	7.9	10.8	50	650	300AA A	E	B	72	2
225/45ZR17	94Y XL	633	223	7.5	7-8	195	7.7	10	50	670	300AA A	E	B	72	2
225/45ZR18	95Y XL	658	223	7.5	7-8.5	195	7.6	10.6	50	690	300AA A	E	B	72	2
225/45ZR19	96Y XL	683	234	7.5	7-8.5	195	7.7	11.9	50	710	300AA A	E	B	72	2
225/50ZR16	96W XL	632	230	7	6-8	198	7.9	11	50	710	300AA A	E	B	72	2
225/50ZR17	98Y XL	659	230	7	6-8	198	7.9	11.4	50	750	300AA A	E	B	72	2
235/35ZR19	91Y XL	652	239	8.5	8-9.5	206	7.9	10.5	50	615	300AA A	E	B	72	2
235/40ZR18	95Y XL	645	239	8.5	8-9.5	210	7.9	10.3	50	690	300AA A	E	B	72	2
235/40ZR19	96Y XL	674	239	8.5	8-9.5	210	7.9	11.7	50	710	300AA A	E	B	72	2
235/45ZR17	97Y XL	646	230	8	7.5-9	204	7.6	10.2	50	730	300AA A	E	B	72	2
235/50ZR17	96Y	667	245	7.5	6.5-8.5	208	7.9	12.1	44	710	300AA A	E	B	71	2
245/35ZR18	92Y XL	632	246	8.5	8-9.5	214	7.4	10.9	50	630	300AA A	E	B	72	2
245/35ZR19	93Y XL	654	246	8.5	8-9.5	212	7.3	10.9	50	650	300AA A	E	B	72	2
245/35ZR20	95Y XL	680	246	8.5	8-9.5	212	7.3	11.6	50	690	300AA A	E	B	72	2
245/40ZR17	95Y XL	630	246	8.5	8-9.5	216	8	10.9	50	690	300AA A	E	B	72	2
245/40ZR18	97Y XL	648	247	8.5	8-9.5	216	7.9	11.5	50	730	300AA A	E	B	72	2
245/40ZR19	98Y XL	678	244	8.5	8-9.5	216	7.9	11.9	50	750	300AA A	E	B	72	2
245/40ZR20	99Y XL	704	247	8.5	8-9.5	216	8	12.9	50	775	300AA A	E	B	72	2
245/45ZR17	99Y XL	652	239	8	7.5-9	211	7.6	11.6	50	775	300AA A	E	B	72	2
245/45ZR18	100Y XL	678	239	8	7.5-9	211	7.6	11.9	50	800	300AA A	E	B	72	2
245/45ZR19	98Y	704	252	8	7.5-9	211	7.7	12.7	44	750	300AA A	E	B	71	2
245/45ZR20	103Y XL	726	252	8	7.5-9	211	7.7	13.8	50	875	300AA A	E	B	72	2
255/30ZR20	92Y XL	660	275	9	8.5-9.5	235	7.7	12	50	630	300AA A	E	B	73	2
255/35ZR18	94Y XL	634	259	9	8.5-10	222	7.3	11.6	50	670	300AA A	E	B	73	2
255/35ZR19	96Y XL	662	260	9	8.5-10	224	7.4	11.3	50	710	300AA A	E	B	73	2
255/35ZR20	97Y XL	691	255	9	8.5-10	222	7.3	12.5	50	730	300AA A	E	B	73	2
255/40ZR17	98Y XL	638	257	9	8.5-10	226	7.9	11.5	50	750	300AA A	E	B	73	2
255/40ZR19	100Y XL	687	257	9	8.5-10	226	7.9	12.7	50	800	300AA A	E	B	73	2
255/40ZR19	100Y XL	687	257	9	8.5-10	226	7.9	13.5	50	800	300AA A	E	B	73	2
255/40ZR20	101Y XL	711	258	9	8-9.5	226	7.9	13.6	50	825	300AA A	E	B	73	2
265/30ZR19	93Y XL	643	271	9.5	9-10	246	7.7	11.6	50	650	300AA A	E	B	73	2
265/35ZR18	97Y XL	643	270	9.5	9-10.5	232	7.3	11.6	50	730	300AA A	E	B	73	2
265/40ZR18	101Y XL	667	279	9.5	9-10.5	236	8	13.4	50	825	300AA A	E	B	73	2
275/30ZR19	96Y XL	648	277	9.5	9-10	252	7.7	12.1	50	710	300AA A	E	B	73	2
275/30ZR20	97Y XL	677	270	9.5	9-10	252	7.7	12.8	50	730	300AA A	E	B	73	2
275/35ZR19	100Y XL	677	273	9.5	9-11	238	7.3	13.2	50	800	300AA A	E	B	73	2
275/40ZR17	98Y	655	277	9.5	9-11	242	7.9	12.7	44	750	300AA A	E	B	72	2
275/40ZR18	103Y XL	674	286	9.5	9-11	242	8	13.8	50	875	300AA A	E	B	73	2
275/40ZR19	105Y XL	706	274	9.5	9-11	242	7.9	14.2	50	925	300AA A	E	B	73	2
275/40ZR20	106Y XL	725	286	9.5	9-11	242	8	14.4	50	950	300AA A	E	B	73	2
285/30ZR19	98Y XL	655	290	10	9.5-10.5	264	7.7	13.1	50	750	300AA A	E	B	73	2
285/30ZR20	99Y XL	681	285	10	9.5-10.5	263	7.6	15.3	50	775	300AA A	E	B	73	2
285/35ZR18	101Y XL	654	299	10	9.5-11	250	7.1	14.2	50	825	300AA A	E	B	73	2

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

