

SUMITOMO TIRES

2022 Consumer Tire Catalog



SUMITOMO BRAND REVIEW

With a reputation for quality, service and leading edge technology, Sumitomo Tires is a premium tire brand offering a unique mix of quality and value.

Sumitomo is the premium export brand of Sumitomo Rubber Industries, Ltd., one of the largest tire manufacturers in the world. Within the tire industry, Sumitomo enjoys a well-earned reputation for innovative design, precision engineering and superior quality. It's the Sumitomo difference.

Sumitomo is backed by the reputation and resources of the Sumitomo Group, one of the most influential business groups in the world. Sumitomo Tires is a global brand that competes on the basis of product quality and real-world performance.



HTR Z5

HTR A/S P03

HTR ENHANCE LX2

HTR ENHANCE WX2

TOURING LS T/H/V

HTR ENHANCE CX2

ENCOUNTER HT

ENCOUNTER AT

ICE EDGE

HTR Z5

Maximum Performance

Maximum Performance

The HTR Z5 is a maximum performance summer tire that combines wicked street tuner appeal with superior dry and wet handling at high speeds to deliver the thrills you want and the safety you need.

Equipped with cutting-edge Sumitomo technology, the HTR Z5 helps you get the best out of your modern sports car or performance sedan and maximizes your daily driving experience, especially in wet-weather conditions.

Whether you're battling stop-and-go traffic or cruising along on the open road, the Z5 has the features you need for a luxurious driving experience.

- **ADVANCED TREAD COMPOUND**
provides outstanding wet grip, control and braking power
- **EXCELLENT SEGMENT COVERAGE**
More than 50 sizes, from 17" - 20", in Y speed ratings
- **WARRANTY PROTECTION PROGRAM**
Free defect replacement for life of usable tread



Next-Level Technology & Design



WIDE CIRCUMFERENTIAL GROOVES

Evacuate water from the tread area for advanced hydroplaning resistance

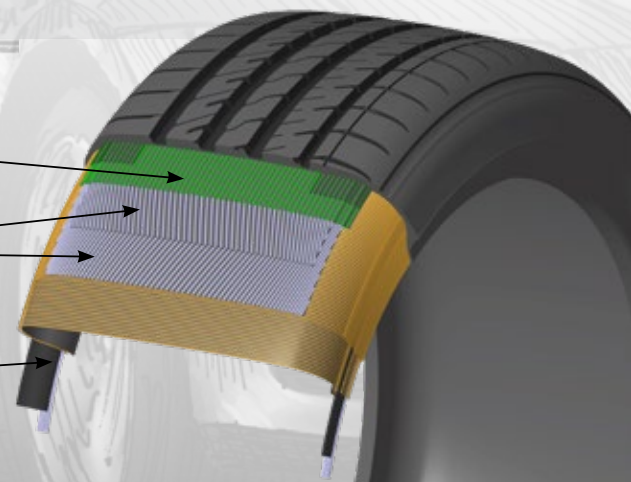
INCREASED SHOULDER AND CONTACT PATCH

Ensures even distribution of pressure to prevent irregular wear and improve handling performance

Full-width nylon band optimizes high-speed stability

High-rigidity steel belts for durability and car stability

Hard apex strengthens sidewall for exceptional cornering stiffness



HTR Z5

Product Code	Tire Size	Load Range	Service Description	UTQG	Measuring Rim Width (in.)	Approved Rim Width		Maximum		Overall Diameter (in.)	Section Width (in.)	Tread Width (in.)	Static Loaded Radius (in.)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs.)
						Min. (in.)	Max. (in.)	Air (lbs psi)	Load (lbs)							
HTR90	205/50ZR17	XL	93Y	320 AA A	6.5	5.5	7.5	50	1433	25.1	8.5	7.3	11.6	837	9	21.4
HTR67	225/50ZR17	XL	98Y	320 AA A	7.0	6.0	8.0	50	1653	25.9	9.3	8.0	11.9	811	9	24.3
HTR96	215/45ZR17	XL	91Y	320 AA A	7.0	7.0	8.0	50	1356	24.6	8.5	7.4	11.4	842	9	22.3
HTR71	225/45ZR17	XL	94Y	320 AA A	7.5	7.0	8.5	50	1477	25.0	9.0	7.8	11.5	834	9	23.2
HTR54	235/45ZR17	XL	97Y	320 AA A	8.0	7.5	9.0	50	1609	25.4	9.4	8.1	11.7	821	9	23.6
HTR55	245/45ZR17	XL	99Y	320 AA A	8.0	7.5	9.0	50	1709	25.7	9.7	8.5	11.8	813	10	25.1
HTR50	245/40ZR17	XL	95Y	320 AA A	8.5	8.0	9.5	50	1521	24.7	9.9	8.7	11.5	840	10	23.2
HTR61	255/40ZR17	SL	98Y	320 AA A	9.0	8.5	10.0	50	1653	25.0	10.4	9.1	11.6	832	10	24.7
HTR63	275/40ZR17	XL	98Y	320 AA A	9.5	9.0	11.0	51	1653	25.7	11.1	9.7	11.8	813	10	27.6
HTR13	235/50ZR18	XL	101Y	320 AA A	7.5	6.5	8.5	50	1819	27.3	9.8	8.4	12.6	769	9	28.4
HTR14	225/45ZR18	XL	95Y	320 AA A	7.5	7.0	8.5	50	1521	25.9	9.0	7.8	12.0	800	9	24.7
HTR91	235/45ZR18	XL	98Y	320 AA A	8.0	7.5	9.0	50	1653	26.3	9.4	8.1	12.2	788	9	25.1
HTR17	245/45ZR18	XL	100Y	320 AA A	8.0	7.5	9.0	50	1764	26.7	9.7	8.5	12.3	781	10	28.2
HTR21	255/45ZR18	XL	103Y	320 AA A	8.5	8.0	9.5	50	1929	27.0	10.2	8.8	12.4	771	10	28.7
HTR23	215/40ZR18	XL	89Y	320 AA A	7.5	7.0	8.5	50	1279	24.8	8.7	7.6	11.6	837	9	22.1
HTR78	225/40ZR18	XL	92Y	320 AA A	8.0	7.5	9.0	50	1389	25.1	9.2	8.0	11.7	826	9	23.2
HTR82	235/40ZR18	XL	95Y	320 AA A	8.5	8.0	9.5	50	1521	25.4	9.6	8.3	11.8	818	9	25.1
HTR75	245/40ZR18	XL	97Y	320 AA A	8.5	8.0	9.5	50	1609	25.7	9.9	8.7	12.0	805	10	26.0
HTR19	255/40ZR18	XL	99Y	320 AA A	9.0	8.5	10.0	50	1709	26.0	10.4	9.1	12.1	798	10	26.9
HTR56	265/40ZR18	XL	101Y	320 AA A	9.5	9.0	10.5	50	1819	26.3	10.8	9.4	12.2	788	10	27.8
HTR68	275/40ZR18	XL	103Y	320 AA A	9.5	9.0	11.0	50	1929	26.7	11.1	9.7	12.3	781	10	29.5
HTR83	245/35ZR18	XL	92Y	320 AA A	8.5	8.0	9.5	50	1389	24.8	9.8	8.8	11.6	837	10	24.3
HTR26	255/35ZR18	XL	94Y	320 AA A	9.0	8.5	10.0	50	1477	25.0	10.2	9.1	11.7	829	10	25.4
HTR85	265/35ZR18	XL	97Y	320 AA A	9.5	9.0	10.5	50	1609	25.3	10.7	9.5	11.8	818	10	26.2
HTR84	275/35ZR18	XL	99Y	320 AA A	9.5	9.0	11.0	50	1709	25.6	10.9	9.8	11.9	813	10	27.6
HTR25	285/35ZR18	XL	101Y	320 AA A	10.0	9.5	11.0	50	1819	25.9	11.4	10.2	12.0	803	10	30.9
HTR33	285/30ZR18	XL	97Y	320 AA A	10.0	9.5	10.5	50	1609	24.8	11.6	10.4	11.6	837	10	28.4
HTR46	295/30ZR18	XL	98Y	320 AA A	10.5	10.0	11.0	50	1653	25.0	12.0	10.7	11.7	829	10	29.5
HTR94	245/45ZR19	XL	102Y	320 AA A	8.0	7.5	9.0	51	1874	27.7	9.7	8.5	12.8	751	10	28.7
HTR81	245/40ZR19	XL	98Y	320 AA A	8.5	8.0	9.5	50	1653	26.7	9.9	8.7	12.5	774	10	26.9
HTR66	255/40ZR19	XL	100Y	320 AA A	9.0	8.5	10.0	50	1764	27.0	10.4	9.1	12.6	767	10	28.9
HTR80	275/40ZR19	XL	105Y	320 AA A	9.5	9.0	11.0	50	2039	27.7	11.1	9.7	12.8	751	10	31.1
HTR97	225/35ZR19	XL	88Y	320 AA A	8.0	7.5	9.0	50	1235	25.2	9.1	8.1	11.9	818	9	23.4
HTR28	235/35ZR19	XL	91Y	320 AA A	8.5	8.0	9.5	50	1356	25.5	9.5	8.4	12.0	813	9	24.9
HTR32	245/35ZR19	XL	93Y	320 AA A	8.5	8.0	9.5	50	1433	25.8	9.8	8.8	12.1	803	10	24.5
HTR35	255/35ZR19	XL	96Y	320 AA A	9.0	8.5	10.0	50	1565	26.0	10.2	9.1	12.2	795	10	25.4
HTR64	265/35ZR19	XL	98Y	320 AA A	9.5	9.0	10.5	50	1653	26.3	10.7	9.5	12.3	786	10	28.7
HTR86	275/35ZR19	XL	100Y	320 AA A	9.5	9.0	11.0	50	1764	26.6	10.9	9.8	12.4	781	10	29.8
HTR88	285/35ZR19	XL	103Y	320 AA A	10.0	9.5	11.0	50	1929	26.9	11.4	10.2	12.5	771	10	30.0
HTR92	255/30ZR19	XL	91Y	320 AA A	9.0	8.5	9.5	50	1356	25.1	10.4	9.3	11.9	821	10	26.9
HTR15	275/30ZR19	XL	96Y	320 AA A	9.5	9.0	10.0	50	1565	25.6	11.1	10.0	12.0	808	10	28.0
HTR73	285/30ZR19	XL	98Y	320 AA A	10.0	9.5	10.5	50	1653	25.8	11.6	10.4	12.1	803	10	27.2
HTR70	295/30ZR19	XL	100Y	320 AA A	10.5	10.0	11.0	50	1764	26.1	12.0	10.7	12.2	795	10	30.4
HTR87	305/30ZR19	XL	102Y	320 AA A	11.0	10.5	11.5	50	1874	26.3	12.6	11.1	12.3	788	10	32.0
HTR93	245/45ZR20	XL	103Y	320 AA A	8.0	7.5	9.0	50	1929	28.7	9.7	8.5	13.3	725	10	31.3
HTR29	245/40ZR20	XL	99Y	320 AA A	8.5	8.0	9.5	50	1709	27.7	9.9	8.7	13.0	747	10	29.3
HTR65	275/40ZR20	XL	106Y	320 AA A	9.5	9.0	11.0	50	2094	28.7	11.1	9.7	13.3	725	10	32.0
HTR95	225/35ZR20	XL	90Y	320 AA A	8.0	7.5	9.0	50	1323	26.2	9.1	8.1	12.4	788	9	23.6
HTR42	245/35ZR20	XL	95Y	320 AA A	8.5	8.0	9.5	50	1521	26.8	9.8	8.8	12.6	774	10	27.1
HTR20	255/35ZR20	XL	97Y	320 AA A	9.0	8.5	10.0	50	1609	27.0	10.2	9.1	12.7	767	10	28.7
HTR24	275/35ZR20	XL	102Y	320 AA A	9.5	9.0	11.0	50	1874	27.6	10.9	9.8	12.9	753	10	31.1
HTR98	245/30ZR20	XL	90Y	320 AA A	8.5	8.0	9.0	50	1323	25.9	9.9	8.9	12.2	800	10	26.5
HTR22	255/30ZR20	XL	92Y	320 AA A	9.0	8.5	9.5	50	1389	26.1	10.4	9.3	12.3	790	10	26.5
HTR18	285/30ZR20	XL	99Y	320 AA A	10.0	9.5	10.5	50	1709	26.8	11.6	10.4	12.6	774	10	30.4



HTR A/S P03

Performance That Elevates The Ordinary

The HTR A/S P03 provides the sporty performance you crave from your vehicle. This all-season, high-performance tire delivers significantly enhanced wet braking distance, superior grip and handling, extended tread life and outstanding winter traction, ensuring your drive will never be the same.

Featuring Sumitomo's new, advanced "fin"-shaped tread design, speed ratings in the fastest-growing W-rated segment and 75 sizes with a focus on larger rim diameters, the HTR A/S P03 is ideal for all-season drivers seeking a combination of high performance and impressive handling for their sports car, sedan or crossover.

Cutting-Edge Technology & Design

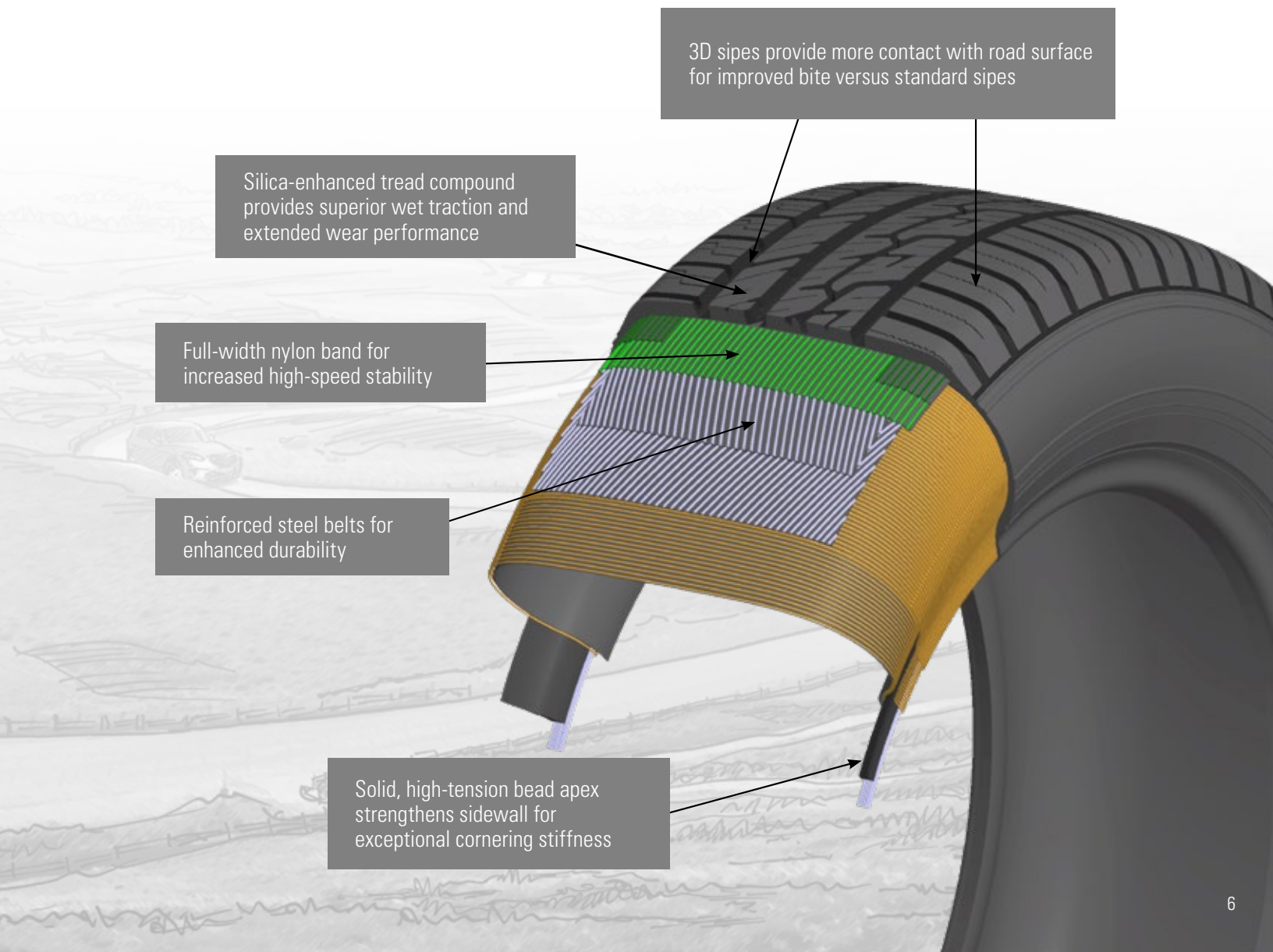
- 1 OPTIMIZED TREAD DESIGN**
Reduces profile deformation while cornering, providing better handling and stability
- 2 WATER EVACUATION CHANNELS**
New "fin" design reduces hydroplaning risk, while water evacuation channels provide better water drainage for enhanced wet-weather performance
- 3 MULTI-SIPE TECHNOLOGY**
"Miura-Ori" sipes create less distortion, improving all-weather handling and winter-traction performance
- 4 CROSSED-DESIGN GROOVES AND SIPES**
Enhance road contact to maximize optimal grip in wintry conditions



Consumer Warranty Protection Package

- 65,000-Mile / 105,000-KM Treadwear for H & V-Rated Sizes
- 45,000-Mile / 72,000-KM Treadwear for W-Rated Sizes
- 2-Year, 24/7 Tire Roadside Assistance
- 1-Year Tire Road Hazard Protection Plan
- 30-Day Test Drive
- Lifetime Replacement for Workmanship and Material Defects

Built to Perform, Inside And Out



HTR A/S P03

Product Code	Tire Size	Load Range	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs)	
						Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)								
ASP10	175/65R15	SL	84H	640 A A	5.0	5.0	6.0	51	1102	24.1	7.0	5.6	10.9	878	10	17.9	
ASP27	185/65R15	SL	88H	640 A A	5.5	5.0	6.5	51	1235	24.5	7.5	5.9	11.1	864	10	18.7	
ASP28	195/65R15	SL	91H	640 A A	6.0	5.5	7.0	51	1356	25.1	8.0	6.2	11.3	844	10	19.4	
ASP30	205/65R15	XL	99V	640 A A	6.0	5.5	7.5	50	1709	25.6	8.3	6.5	11.5	831	10	22.5	
ASP56	205/65R16	SL	95V	640 A A	6.0	5.5	7.5	51	1521	26.5	8.3	6.5	12.0	798	10	22.9	
ASP59	215/65R16	SL	98H	640 A A	6.5	6.0	7.5	51	1653	27.1	8.8	6.9	12.2	783	10	23.8	
ASP42	205/60R16	SL	92V	640 A A	6.0	5.5	7.5	51	1389	25.8	8.3	6.8	11.7	818	10	22.1	
ASP48	215/60R16	XL	99V	640 A A	6.5	6.0	7.5	50	1709	26.3	8.8	7.1	11.9	806	10	24.6	
ASP52	225/60R16	SL	98V	640 A A	6.5	6.0	8.0	51	1653	26.7	9.1	7.4	12.1	792	10	27.6	
ASP85	185/55R16	SL	83H	640 A A	6.0	5.0	6.5	51	1074	24.0	7.6	6.4	11.1	873	10	19.4	
ASP82	195/55R16	SL	87V	640 A A	6.0	5.5	7.0	51	1201	24.4	7.9	6.7	11.2	863	10	20.4	
ASP41	205/55R16	XL	94H	640 A A	6.5	5.5	7.5	50	1477	24.9	8.4	7.1	11.4	846	10	23.1	
ASP57	215/55R16	XL	97V	640 A A	7.0	6.0	7.5	50	1609	25.3	8.9	7.4	11.5	834	10	25.1	
ASP31	195/50R16	SL	84V	640 A A	6.0	5.5	7.0	51	1102	23.7	7.9	7.0	10.9	887	10	19.4	
COMING SOON	ASP70	205/50R16	SL	87V	640 A A	-	-	-	51	1201	24.1	8.1	-	863	10	21.1	
ASP76	225/65R17	SL	102H	640 A A	6.5	6.0	8.0	51	1874	28.6	9.1	7.2	12.9	741	10	27.8	
ASP77	235/65R17	XL	108V	640 A A	7.0	6.5	8.5	50	2205	29.1	9.5	7.5	13.1	729	10	32.5	
ASP33	235/60R17	SL	102V	640 A A	7.0	6.5	8.5	51	1874	28.2	9.5	7.8	12.8	751	10	31.3	
ASP03	205/55R17	XL	95V	640 A A	6.5	5.5	7.5	50	1521	25.9	8.4	7.1	11.9	812	10	23.8	
ASP08	215/55R17	SL	94W	540 A A	7.0	6.0	7.5	51	1477	26.3	8.9	7.4	12.0	800	10	22.8	
ASP88	225/55R17	XL	101W	540 A A	7.0	6.0	8.0	50	1819	26.8	9.2	7.8	12.2	788	10	25.1	
ASP89	235/55R17	SL	99W	540 A A	7.5	6.5	8.5	51	1709	27.2	9.6	8.1	12.4	777	10	28.7	
ASP12	205/50R17	XL	93W	540 A A	6.5	5.5	7.5	50	1433	25.1	8.4	7.3	11.6	836	10	23.2	
ASP58	215/50R17	SL	91W	540 A A	7.0	6.0	7.5	51	1356	25.5	8.9	7.7	11.7	824	10	26.9	
ASP66	225/50R17	SL	94W	540 A A	7.0	6.0	8.0	51	1477	25.9	9.2	8.0	11.9	812	10	23.1	
ASP69	235/50R17	SL	96W	540 A A	7.5	6.5	8.5	51	1565	26.3	9.6	8.4	12.0	800	10	26.5	
ASP18	245/50R17	SL	99W	540 A A	7.5	7.0	8.5	51	1709	26.7	10.0	8.7	12.2	791	10	28.7	
ASP51	205/45R17	XL	88W	540 A A	7.0	6.5	7.5	50	1235	24.3	8.1	7.1	11.3	856	10	21.9	
ASP53	215/45R17	XL	91W	540 A A	7.0	7.0	8.0	50	1356	24.7	8.4	7.4	11.4	843	10	21.6	
ASP71	225/45R17	XL	94W	540 A A	7.5	7.0	8.5	50	1477	25.0	8.9	7.8	11.5	833	10	22.7	
ASP54	235/45R17	SL	94W	540 A A	8.0	7.5	9.0	51	1477	25.4	9.3	8.1	11.7	821	10	23.2	
ASP55	245/45R17	XL	99W	540 A A	8.0	7.5	9.0	50	1709	25.7	9.6	8.5	11.8	812	10	25.6	
ASP50	245/40R17	XL	95W	540 A A	8.5	8.0	9.5	50	1521	24.7	9.8	8.7	11.4	843	10	24.4	
ASP04	275/40R17	SL	98W	540 A A	9.5	9.0	11.0	51	1653	25.7	10.9	9.8	11.8	812	10	28.7	
ASP05	235/65R18	SL	106H	640 A A	7.0	6.5	8.5	51	2094	30.1	9.5	7.5	13.6	703	10	31.6	
ASP34	225/60R18	SL	100V	640 A A	6.5	6.0	8.0	51	1764	28.7	9.1	7.4	13.1	735	10	28.3	
ASP49	235/60R18	XL	107V	640 A A	7.0	6.5	8.5	50	2149	29.2	9.5	7.8	13.3	723	10	32.4	
ASP68	245/60R18	SL	105H	640 A A	7.0	7.0	8.5	51	2039	29.7	9.8	8.1	13.4	714	10	34.4	
ASP19	215/55R18	SL	95H	640 A A	7.0	6.0	7.5	51	1521	27.3	8.9	7.4	12.5	771	10	28.1	
ASP92	225/55R18	SL	98V	640 A A	7.0	6.0	8.0	51	1653	27.8	9.2	7.8	12.7	758	10	29.9	
ASP36	235/55R18	XL	104W	540 A A	7.5	6.5	8.5	50	1984	28.1	9.6	8.1	12.9	748	10	29.5	
COMING SOON	ASP72	245/55R18	SL	103W	540 A A	7.0	7.5	8.5	51	1929	28.6	10.0	8.4	13.0	738	10	30.6
ASP26	225/50R18	SL	95W	540 A A	7.0	6.0	8.0	51	1521	26.9	9.2	8.0	12.4	782	10	28.3	
ASP13	235/50R18	XL	101W	540 A A	7.5	6.5	8.5	50	1819	27.3	9.6	8.4	12.5	771	10	28.9	
ASP06	215/45R18	XL	93W	540 A A	7.0	7.0	8.0	50	1433	25.7	8.4	7.4	11.9	811	10	22.4	
ASP14	225/45R18	XL	95W	540 A A	7.5	7.0	8.5	50	1521	26.0	8.9	7.8	12.0	800	10	23.6	
ASP09	235/45R18	SL	94W	540 A A	8.0	7.5	9.0	51	1477	26.4	9.3	8.1	12.2	790	10	25.5	
ASP17	245/45R18	XL	100W	540 A A	8.0	7.5	9.0	50	1764	26.7	9.6	8.5	12.3	782	10	28.5	
ASP78	225/40R18	XL	92W	540 A A	8.0	7.5	9.0	50	1389	25.1	9.1	8.0	11.7	827	10	23.6	
ASP83	235/40R18	XL	95W	540 A A	8.5	8.0	9.5	50	1521	25.4	9.5	8.3	11.8	818	10	24.7	
ASP75	245/40R18	XL	97W	540 A A	8.5	8.0	9.5	50	1609	25.7	9.8	8.7	11.9	809	10	24.9	
ASP07	255/40R18	XL	99W	540 A A	9.0	8.5	10.0	50	1709	26.0	10.2	9.1	12.0	800	10	28.2	
ASP24	255/35R18	XL	94W	540 A A	9.0	8.5	10.0	50	1477	25.0	10.2	9.1	11.7	830	10	26.1	
ASP21	225/55R19	SL	99V	640 A A	7.0	6.0	8.0	51	1709	28.8	9.2	7.8	13.2	730	10	27.1	
ASP86	235/55R19	XL	105W	540 A A	7.5	6.5	8.5	50	2039	29.2	9.6	8.1	13.4	720	10	34.4	
ASP67	245/55R19	SL	103H	640 A A	7.5	7.0	8.5	51	1929	29.6	10.0	8.4	13.5	711	10	35.4	
ASP32	255/50R19	XL	107W	540 A A	8.0	7.0	9.0	50	2149	29.1	10.4	9.1	13.3	723	10	34.2	
ASP15	225/45R19	SL	92W	540 A A	7.5	7.0	8.5	51	1389	27.0	8.9	7.8	12.6	768	10	24.2	

HTR A/S P03

	ASP23	235/45R19	XL	99W	540 A A	8.0	7.5	9.0	50	1709	27.4	9.3	8.1	12.7	760	10	25.3
	ASP94	245/45R19	SL	98W	540 A A	8.0	7.5	9.0	51	1653	27.7	9.6	8.5	12.8	752	10	28.4
	ASP11	255/45R19	SL	100V	640 A A	8.5	8.0	9.5	51	1764	28.1	10.0	8.8	13.0	742	10	31.0
	ASP98	235/40R19	XL	96V	640 A A	8.5	8.0	9.5	50	1565	26.4	9.5	8.3	12.3	785	10	23.7
	ASP81	245/40R19	SL	94W	540 A A	8.5	8.0	9.5	51	1477	26.7	9.8	8.7	12.4	777	10	30.0
	ASP39	255/40R19	XL	100W	540 A A	9.0	8.5	10.0	50	1764	27.0	10.2	9.1	12.6	768	10	28.4
	ASP02	275/40R19	SL	101W	540 A A	9.5	9.0	11.0	51	1819	27.7	10.9	9.8	12.8	752	10	31.0
	ASP35	255/35R19	XL	96W	540 A A	9.0	8.5	10.0	50	1565	26.0	10.2	9.1	12.2	797	10	26.6
	ASP25	235/55R20	SL	102H	640 A A	7.5	6.5	8.5	51	1874	30.2	9.6	8.1	13.9	697	10	33.1
	ASP29	245/50R20	SL	102V	640 A A	7.5	7.0	8.5	51	1874	29.7	10.0	8.7	13.7	708	10	34.7
	ASP93	245/45R20	XL	103W	540 A A	8.0	7.5	9.0	50	1929	28.7	9.6	8.5	13.3	724	10	29.6
	ASP22	255/45R20	XL	105W	540 A A	8.5	8.0	9.5	50	2039	29.1	10.0	8.8	13.5	715	10	29.9
	ASP38	245/40R20	SL	95V	640 A A	8.5	8.0	9.5	51	1521	27.7	9.8	8.7	12.9	749	10	29.6
	ASP65	275/40R20	XL	106W	540 A A	9.5	9.0	11.0	50	2094	28.7	10.9	9.8	13.3	725	10	33.8
COMING SOON	ASP43	245/35R20	XL	95W	540 A A	8.5	8.0	9.5	50	1521	26.8	9.8	8.8	12.6	774	10	27.1
COMING SOON	ASP20	255/35R20	SL	97W	540 A A	-	-	-	51	1609	27.0	10.0	-	-	768	10	28.0
	ASP37	275/35R20	XL	102W	540 A A	9.5	9.0	11.0	50	1874	27.6	10.9	9.8	12.9	752	10	31.1

The Next Generation of Performance

HTR A/S P03

The A/S P03 outperforms its predecessor with significantly enhanced wet braking, tread life, and ride comfort, while maintaining the same outstanding dry braking and reduced road noise as the A/S P02.



One Family of Tires for Every Driver

Introducing the Sumitomo Enhance family of tires! Available in three fitments, with over 80 sizes, this complete line has the right fit for your vehicle and driving style.

The Enhance LX2 is an all-season touring tire with a high-comfort ride that's designed for a variety of road conditions. The Enhance CX2 is the smart choice for SUV and CUV drivers seeking a tire that's tough enough to handle heavy loads while still delivering dependable year-round performance. Finally, there's the Enhance WX2, a sporty performance tire with an optimized tread design that provides superior dry-road handling and precise cornering.

No matter what you drive or how you drive, now's the perfect time to join the Sumitomo family and experience the new [Enhance!](#)



LX2

LX2 | CX2

Inside

Outside



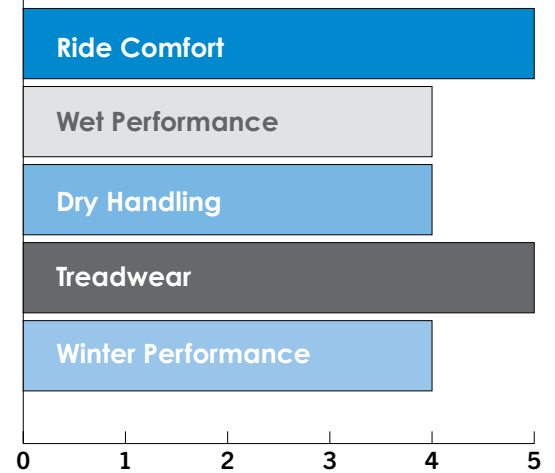
Progressive Design. Precision Performance.

- 1 3D ZIG ZAG SIPES:**
Boost block stability and reduce irregular wear, while creating more biting edges and improving winter performance
- 2 OPTIMIZED CONTACT PATCH:**
Distributes road surface pressure evenly to provide extended tire life
- 3 CROSS-DESIGNED CHAMFER:**
Boosts traction and grip for better winter and wet-surface performance
- 4 "BENDING" SIPE TECHNOLOGY:**
Creates rigidity in center block to maintain stability, while providing crisp highway response and driving characteristics
- 5 SHOULDER BLOCKS:**
Outside shoulder enhanced with integral lateral grooves to provide better wet handling and reduce road noise

Enhance Your Peace of Mind with an Industry-Leading Protection Program

- 90,000-Mile / 140,000-KM Treadwear for T-Rated
- 75,000-Mile / 120,000-KM Treadwear for H & V-Rated
- 65,000-Mile / 105,000-KM Treadwear for T, H, & V-Rated CX2
- 55,000-Mile / 90,000-KM Treadwear for W-Rated WX2
- 2-Year, 24/7 Tire Roadside Assistance
- 1-Year Tire Road Hazard Protection Plan
- 45-Day Test Drive
- Defect Replacement for the Life of Usable Tread

Enhance Your Road to All-Season Versatility



Enhanced from Within

LX2 | CX2

Newly-developed, advanced tread compound for superior traction

Jointless nylon cap ply for stable high-speed handling

High-rigidity steel belts for durability and car stability

Reinforced bead apex for cornering strength and high-speed stability

High density casing ply for extended durability

HTR ENHANCE LX2

Product Code	Tire Size	Load Range	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs)
						Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)							
ENL33	215/70R15	SL	98T	800 A B	6.5	5.5	7.0	51	1653	27.0	8.8	6.7	12.1	783	11	28.0
ENL10	175/65R15	SL	84H	700 A A	5.0	5.0	6.0	51	1102	24.0	7.0	5.6	10.9	877	10	17.9
ENL27	185/65R15	SL	88H	700 A A	5.5	5.0	6.5	51	1235	24.5	7.5	5.9	11.1	865	10	19.4
ENL28	195/65R15	SL	91H	700 A A	6.0	5.5	7.0	51	1356	25.0	8.0	6.2	11.3	845	10	18.5
ENL30	205/65R15	SL	94H	700 A A	6.0	5.5	7.5	51	1477	25.5	8.3	6.5	11.5	832	10	22.3
ENL73	185/60R15	XL	88H	700 A A	5.5	5.0	6.5	50	1235	23.9	7.5	6.1	10.8	889	11	18.5
ENL40	195/60R15	SL	88H	700 A A	6.0	5.5	7.0	51	1235	24.3	8.0	6.5	11.0	871	10	18.1
ENL86	185/55R15	SL	82V	660 A A	6.0	5.0	6.5	51	1047	23.0	7.6	6.4	10.6	911	10	18.1
ENL12	215/70R16	SL	100H	700 A A	6.5	5.5	7.0	51	1764	27.9	8.8	6.7	12.6	755	10	26.0
ENL77	225/70R16	SL	103H	700 A A	6.5	6.0	7.5	51	1929	28.5	8.8	7.0	12.8	740	10	27.3
ENL53	205/65R16	SL	95H	700 A A	6.0	5.5	7.5	51	1521	26.5	8.3	6.5	12.0	800	10	22.9
ENL55	215/65R16	SL	98T	800 A B	6.5	6.0	7.5	51	1653	27.1	8.8	6.9	12.2	786	11	23.8
ENL83	225/65R16	SL	100H	700 A A	6.5	6.0	8.0	51	1764	27.5	9.1	7.2	12.4	771	10	26.2
ENL98	235/65R16	SL	103T	800 A B	7.0	6.5	8.5	51	1929	28.1	9.5	7.5	12.6	760	11	30.4
ENL18	205/60R16	SL	92V	660 A A	6.0	5.5	7.5	51	1389	25.7	8.3	6.8	11.7	821	10	20.5
ENL47	215/60R16	SL	95T	800 A B	6.5	6.0	7.5	51	1521	26.3	8.8	7.1	11.9	811	11	22.3
ENL46	215/60R16	SL	95V	660 A A	6.5	6.0	7.5	51	1521	26.2	8.8	7.1	11.9	811	10	22.5
ENL52	225/60R16	SL	98H	700 A A	6.5	6.0	8.0	51	1653	26.7	9.1	7.4	12.0	795	10	25.4
ENL84	185/55R16	SL	83H	700 A A	6.0	5.0	6.5	51	1074	24.0	7.6	6.4	11.1	874	10	19.4
ENL81	195/55R16	SL	87V	660 A A	6.0	5.5	7.0	51	1201	24.4	7.9	6.7	11.2	862	10	20.4
ENL41	205/55R16	SL	91H	700 A A	6.5	5.5	7.5	51	1356	24.9	8.4	7.1	11.4	845	10	20.7
ENL57	215/55R16	XL	97V	660 A A	7.0	6.0	7.5	50	1609	25.3	8.9	7.4	11.5	834	11	25.1
ENL85	195/50R16	SL	84H	700 A A	6.0	5.5	7.0	51	1102	23.7	7.9	7.0	10.9	883	10	18.4
ENL31	215/65R17	SL	99T	800 A B	6.5	6.0	7.5	51	1709	28.1	8.8	6.9	12.7	755	11	29.3
ENL76	225/65R17	SL	102T	800 A B	6.5	6.0	8.0	51	1874	28.6	9.1	7.2	12.9	742	11	27.8
ENL74	225/65R17	SL	102H	700 A A	6.5	6.0	8.0	51	1874	28.5	9.1	7.2	12.9	742	10	27.6
ENL87	235/65R17	SL	104T	800 A B	7.0	6.5	8.5	51	1984	29.1	9.5	7.5	13.1	732	11	33.5
ENL82	235/65R17	SL	104H	700 A A	7.0	6.5	8.5	51	1984	29.1	9.5	7.5	13.1	732	11	32.4
ENL11	215/60R17	SL	96T	800 A B	6.5	6.0	7.5	51	1565	27.3	8.8	7.1	12.4	778	11	25.4
ENL54	225/60R17	SL	99V	660 A A	6.5	6.0	8.0	51	1709	27.7	9.1	7.4	12.6	764	10	25.6
ENL07	235/60R17	SL	102H	700 A A	7.0	6.5	8.5	51	1874	28.2	9.5	7.8	12.7	753	11	31.3
ENL08	215/55R17	SL	94V	660 A A	7.0	6.0	7.5	51	1477	26.3	8.9	7.4	12.0	800	10	22.3
ENL88	225/55R17	SL	97V	660 A A	7.0	6.0	8.0	51	1609	26.8	9.2	7.8	12.2	788	10	26.7
ENL89	235/55R17	XL	103V	660 A A	7.5	6.5	8.5	50	1929	27.2	9.6	8.1	12.4	778	11	28.7
ENL13	205/50R17	XL	93V	660 A A	6.5	5.5	7.5	50	1433	25.1	8.4	7.3	11.6	837	11	22.0
ENL58	215/50R17	XL	95V	660 A A	7.0	6.0	7.5	50	1521	25.5	8.9	7.7	11.7	823	11	24.5
ENL66	225/50R17	XL	98V	660 A A	7.0	6.0	8.0	50	1653	25.9	9.2	8.0	11.9	811	11	25.1
ENL35	225/60R18	SL	100H	700 A A	6.5	6.0	8.0	51	1764	28.7	9.1	7.4	13.1	736	10	28.3
ENL92	225/55R18	SL	98V	660 A A	7.0	6.0	8.0	51	1653	27.8	9.2	7.8	12.7	758	10	36.8
ENL34	235/55R18	SL	100V	660 A A	7.5	6.5	8.5	51	1764	28.1	9.6	8.1	12.9	749	11	27.8
ENL25	225/50R18	XL	99V	660 A A	7.0	6.0	8.0	50	1709	26.9	9.2	8.0	12.4	778	11	28.3
ENL94	235/50R18	XL	101V	660 A A	7.5	6.5	8.5	50	1819	27.3	9.6	8.4	12.6	769	11	29.5
ENL60	235/45R18	XL	98V	660 A A	8.0	7.5	9.0	50	1653	26.4	9.3	8.1	12.2	788	11	25.5

HTR ENHANCE CX2

Product Code	Tire Size	Load Range	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs)
						Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)							
ENC53	235/70R16	SL	106T	680 A B	7.0	6.0	8.0	51	2,094	29.0	9.4	7.4	13.0	729	11	31.3
ENC54	245/65R17	SL	107H	680 A A	7.0	7.0	8.5	51	2,149	29.5	9.7	7.8	13.3	719	11	33.5
ENC05	235/65R18	SL	106H	680 A A	7.0	6.5	8.5	51	2,094	30.0	9.4	7.5	13.6	705	11	34.4
ENC32	255/65R18	SL	111T	600 A B	7.5	7.0	9.0	51	2,403	31.1	10.2	8.1	14.0	683	11	38.4
ENC49	235/60R18	XL	107V	600 A A	7.0	6.5	8.5	50	2,149	29.1	9.4	7.8	13.2	726	11	32.2
ENC68	245/60R18	SL	105H	680 A A	7.0	7.0	8.5	51	2,039	29.6	9.7	8.1	13.4	716	11	35.1
ENC81	285/60R18	XL	120H	600 A A	8.5	8.0	10.0	50	3,086	31.5	11.4	9.4	14.1	677	11	43.4
ENC36	255/55R18	XL	109V	600 A A	8.0	7.0	9.0	50	2,271	29.0	10.4	8.8	13.2	728	11	37.5
ENC72	255/60R19	SL	109H	680 A A	7.5	7.0	9.0	51	2,271	31.1	10.2	8.4	14.1	680	11	36.8
ENC86	235/55R19	XL	105V	600 A A	7.5	6.5	8.5	50	2,039	29.2	9.6	8.1	13.4	720	11	33.1
ENC66	245/55R19	SL	103H	680 A A	7.5	7.0	8.5	51	1,929	29.6	9.9	8.5	13.5	711	11	34.4
ENC02	235/50R19	SL	99V	600 A A	7.5	6.5	8.5	51	1,709	28.3	9.6	8.4	13.0	742	11	30.6
ENC09	255/50R19	XL	107V	600 A A	8.0	7.0	9.0	50	2,149	29.1	10.4	9.1	13.3	723	11	34.2
ENC03	235/55R20	SL	102H	680 A A	7.5	6.5	8.5	51	1874	30.2	9.6	8.1	13.9	697	11	34.2
ENC04	255/55R20	XL	110H	600 A A	8.0	7.0	9.0	50	2337	31.0	10.4	8.8	14.2	680	11	38.6
ENC80	245/50R20	SL	102V	600 A A	7.5	7.0	8.5	51	1874	29.7	9.9	8.8	13.7	708	11	34.4
ENC84	255/50R20	XL	109V	600 A A	8.0	7.0	9.0	50	2271	30.1	10.4	9.1	13.8	699	11	35.1
ENC85	265/50R20	XL	111V	600 A A	8.5	7.5	9.5	50	2403	30.5	10.8	9.5	14.0	690	11	38.1
ENC24	305/50R20	XL	120H	600 A A	9.5	8.5	11.0	50	3086	32.0	12.4	10.9	14.6	659	12	51.0
ENC11	275/45R20	XL	110H	600 A A	9.0	8.5	10.5	50	2337	29.8	10.7	9.5	13.7	701	11	35.7
ENC21	P295/45R20	XL	114H	600 A A	10.0	9.5	11.0	50	2601	30.5	11.6	10.2	14.0	685	11	40.8
ENC07	285/45R22	XL	114H	600 A A	9.5	9.0	10.5	50	2601	32.1	11.1	9.9	14.8	648	11	45.8
ENC25	P305/45R22	XL	118H	600 A A	10.0	9.5	11.5	50	2910	32.8	11.9	10.6	15.1	635	12	50.7
ENC06	265/40R22	XL	106H	680 A A	9.5	9.0	10.5	50	2094	30.4	10.6	9.4	14.2	683	11	37.3
ENC27	305/40R22	XL	114H	600 A A	11.0	10.0	12.0	50	2601	31.6	12.2	10.8	14.6	658	11	46.2



Enhance Your Thrills with the WX2

The Enhance WX2 is a premium performance tire that's a great choice for driving enthusiasts seeking a sporty appearance, predictable handling and all-season traction.

- Full-depth grooves and sipes help deliver confident performance throughout the tire's life
- Large outside tread block provides responsive handling and stable cornering
- Angled grooves evacuate water for increased hydroplaning resistance



Enhanced Tread Design

In addition to the **GREAT TREAD FEATURES** of the LX2 and CX2, the WX2's tread also includes:

- 1 PENETRATED LUG GROOVES:**
Provide increased hydroplaning resistance
- 2 INCREASED SIPES AND CROSS-DESIGNED GROOVES:**
Boost grip in inclement conditions

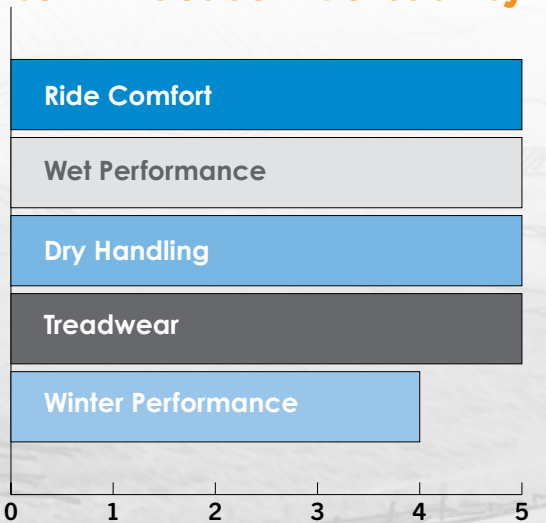
WX2

Inside



Outside

Enhance Your Road to All-Season Versatility



HTR ENHANCE WX2

Product Code	Tire Size	Load Range	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs)
						Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)							
ENW53	215/45R17	XL	91W	500 A A	7.0	7.0	8.0	50	1356	24.6	8.5	7.4	11.4	842	10	21.4
ENW71	225/45R17	SL	91W	500 A A	7.5	7.0	8.5	51	1356	25.0	9.0	7.8	11.5	834	10	20.5
ENW54	235/45R17	XL	97W	500 A A	8.0	7.5	9.0	50	1609	25.4	9.4	8.1	11.7	821	10	24.3
ENW55	245/45R17	XL	99W	500 A A	8.0	7.5	9.0	50	1709	25.7	9.7	8.5	11.8	813	10	26.2
ENW02	245/50R18	SL	100W	500 A A	7.5	7.0	8.5	51	1764	27.7	10.1	8.7	12.7	758	10	30.2
ENW14	225/45R18	XL	95W	500 A A	7.5	7.0	8.5	50	1521	25.9	9.0	7.8	12.0	800	10	24.5
ENW97	235/45R18	XL	98W	500 A A	8.0	7.5	9.0	50	1653	26.3	9.4	8.1	12.2	788	10	26.5
ENW17	245/45R18	XL	100W	500 A A	8.0	7.5	9.0	50	1764	26.7	9.7	8.5	12.3	781	10	26.7
ENW78	225/40R18	XL	92W	500 A A	8.0	7.5	9.0	50	1389	25.1	9.2	8.0	11.7	826	10	24.5
ENW75	245/40R18	XL	97W	500 A A	8.5	8.0	9.5	50	1609	25.7	9.9	8.7	12.0	805	10	27.1
ENW94	245/45R19	XL	102W	500 A A	8.0	7.5	9.0	50	1874	27.7	9.7	8.5	12.8	751	10	29.5
ENW81	245/40R19	XL	98W	500 A A	8.5	8.0	9.5	50	1653	26.7	9.9	8.7	12.5	774	10	26.9
ENW04	255/40R19	SL	96W	500 A A	9.0	8.5	10.0	51	1565	27.0	10.4	9.1	12.6	767	10	28.2
ENW93	245/45R20	XL	103W	500 A A	8.0	7.5	9.0	50	1929	28.7	9.7	8.5	13.3	725	10	31.3

Enhanced Engineering for Every Twist and Turn

Newly-developed, advanced tread compound for superior traction

Full nylon cap ply for high-speed stability

High-rigidity steel belts for durability and car stability

Reinforced bead apex for cornering strength

TOURING LS T/H/V & TOURING LX

Touring All-Season



Touring All-Season

Upgrade your drive! Get traction and performance you can count on regardless of the weather with the Sumitomo Touring LS T/H/V and Touring LX. With a smooth ride, minimal road noise and extended tread life, this tire provides it all.

- 1 Improved handling quality to take the higher speed ratings of today's high performance luxury sedans, touring vehicles, SUV's and crossovers
- 2 Next-generation, advanced carbon tread compound for enhanced all-season performance, wet traction and tread life
- 3 Innovative shoulder blocks provide superior cornering traction and security
- 4 Four circumferential tread grooves allow exceptional water drainage to resist hydroplaning
- 5 Enhanced sidewall stiffness for improved cornering



Superior Warranty Package for Maximum Security and Confidence

- 65,000-Mile / 105,000-KM Limited Treadwear Warranty for T-rated LS
- 55,000-Mile / 90,000-KM Limited Treadwear Warranty for H & V-rated LS
- 50,000-Mile / 80,000-KM Limited Treadwear Warranty for T/H/V-rated LX
- 100% Replacement for Workmanship and Material Defects
- 2-Year, 24/7 Tire Roadside Assistance

Constructed for Premium Performance

- Stronger, wider steelbelts maximize durability
- Touring profile improves overall performance and tread life
- Strong polyester cord body for structural rigidity



- Enhanced rubber compounds resist wear
- Computer-designed tread offers enhanced comfort and a quieter ride

TOURING LS T/H/V

Product Code	Tire Size	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs)
					Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)							
STT30U	205/70R15	96T	520 A B	6.0	5.0	7.0	44	1565	26.5	8.1	6.1	11.9	795	11	23.4
STT32U	215/70R15	98T	520 A B	6.5	5.5	7.0	44	1653	27.0	8.9	6.5	12.1	781	12	24.7
STT27U	185/65R15	88T	520 A B	5.5	5.0	6.5	44	1235	24.7	7.3	5.7	11.2	856	11	17.6
STT28U	195/65R15	91T	520 A B	6.0	5.5	7.0	44	1356	25.1	7.7	6.1	11.3	845	11	19.0
STT44U	205/65R15	94T	520 A B	6.0	5.5	7.5	44	1477	25.7	8.2	6.4	11.6	826	11	20.9
STT73U	185/60R15	84T	520 A B	5.5	5.0	6.5	44	1102	24.0	7.1	5.7	10.9	880	11	17.4
STT41U	195/60R15	88T	520 A B	6.0	5.5	7.0	44	1235	24.2	7.4	6.4	11.0	874	11	18.1
STT55U	215/65R16	98T	520 A B	6.5	6.0	7.5	44	1653	27.1	8.5	6.7	12.2	783	11	24.5
STH61U	205/60R16	92H	460 A A	6.0	5.5	7.5	51	1389	25.7	7.9	6.7	11.7	821	11	20.7
STT48U	215/60R16	95T	520 A B	6.5	6.0	7.5	44	1521	26.2	8.3	7.0	11.9	805	12	24.5
STT52U	225/60R16	98T	520 A B	6.5	6.0	8.0	44	1653	26.6	8.7	7.3	12.0	798	11	25.6
STT42U	205/55R16	91T	520 A B	6.5	5.5	7.5	44	1356	25.1	8.1	6.9	11.5	840	11	22.9
STT97U	215/65R17	99T	520 A B	6.5	6.0	7.5	44	1709	28.3	8.6	6.7	12.8	749	11	26.9
STH76U	225/65R17	102H	460 A A	6.5	6.0	8.0	51	1,874	28.6	9.0	7.0	12.9	740	12	29.1
STH77U	235/65R17	104H	460 A A	7.0	6.5	8.5	51	1984	29.2	9.6	7.3	13.1	727	12	31.3
STT95U	215/60R17	96T	520 A B	6.5	6.0	7.5	44	1565	27.2	8.5	7.0	12.4	776	12	25.8
STT96U	225/60R17	99T	520 A B	6.5	6.0	8.0	44	1709	27.8	8.7	7.3	12.6	762	12	24.9
STT88U	225/55R17	97T	520 A B	7.0	6.0	8.0	44	1609	26.8	8.7	7.3	12.2	786	11	24.7
STH01U	225/55R18	98H	460 A A	7.0	6.0	8.0	51	1653	27.8	8.9	7.6	12.7	758	11	26.7
STV03U	235/55R18	100V	460 A A	7.5	6.5	8.5	51	1784	28.2	9.4	7.9	12.9	742	12	28.2

TOURING LX

Product Code	Tire Size	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs.)
					Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)							
STL67U	245/65R17	107T	520 A B	7.0	7.0	8.5	44.0	2149	29.6	9.8	7.8	13.3	719	11	33.2
STL08U	235/60R17	102T	520 A B	7.0	6.5	8.5	44	1874	28.2	9.4	7.7	12.8	751	11	30.8
STL49U	235/60R18	103H	460 A A	7.0	6.5	8.5	51	1929	29.2	9.4	7.7	13.2	725	11	32.8
STL68U	245/60R18	105T	520 A B	7.0	7.0	8.5	44	2039	29.7	9.8	8.0	13.4	713	11	31.7
STL91U	265/60R18	110T	520 A B	8.0	7.5	9.5	44	2337	30.6	10.7	8.7	13.8	694	12	36.3
STL36U	255/55R18	105V	460 A A	8.0	7.0	9.0	51	2039	29.1	10.4	8.8	13.2	725	12	34.8



Encounter Your Road to a Very Smart Choice

Venture into a new era of all-season drivability and exceptional on-road performance with the Sumitomo Encounter HT ... the precision-engineered all-season light truck tire for highway bound CUVs, SUVs, Vans and Pickups.

The Encounter HT measures up against the very best, delivering the top-tier technology, versatility and performance you demand at an attractive price that doesn't take you for a ride.

The Encounter HT combines outstanding dry pavement handling with surefooted wet-traction performance, for confident, on-road adventures no matter the weather. With a sturdy five-rib design and durable construction, the Encounter HT tackles both the daily commute and the open road with strength, style and stability. Add in the extended mileage tread compound and best in-class warranty protection, and you'll quickly see that the Encounter HT is the smart choice for any endeavor.

Encounter Your Road to Driver-Focused Design

- 1 OPTIMIZED SERRATED MICRO-SIPING**
Improves wet traction for all-season drivability
- 2 VARIABLE WIDTH SHOULDER BLOCK DESIGN**
Reduces road noise while enhancing ride comfort
- 3 NON-DIRECTIONAL, FIVE-RIB TREAD DESIGN**
Optimizes ride stability and protects against irregular wear
- 4 WIDE CIRCUMFERENTIAL TREAD CHANNELS**
Quickly evacuate water and boost hydroplaning resistance
- 5 SOLID CONTINUOUS CENTER RIB**
Promotes better handling and fights against irregular wear

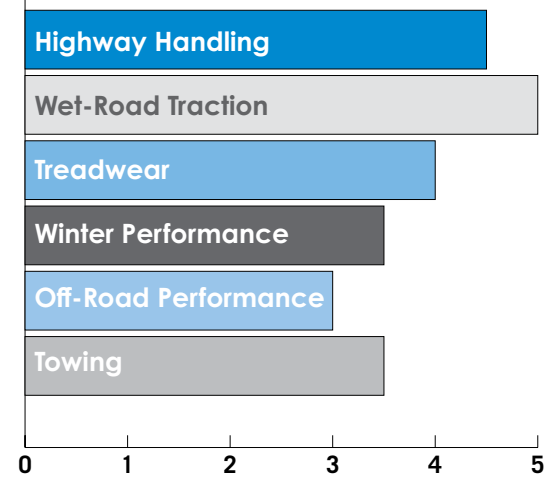


Encounter Your Road to Peace of Mind

CONSUMER WARRANTY PROTECTION PACKAGE

- 60,000-Mile / 100,000-KM Treadwear for Metric and LT Sizes
- 2-Year, 24/7 Tire Roadside Assistance
- 1-Year Tire Road Hazard Protection Plan
- 30-Day Test Drive
- Lifetime Replacement for Workmanship and Material Defects

Encounter Your Road to All-Season Versatility



Encounter Your Road to Built-to-Last Performance

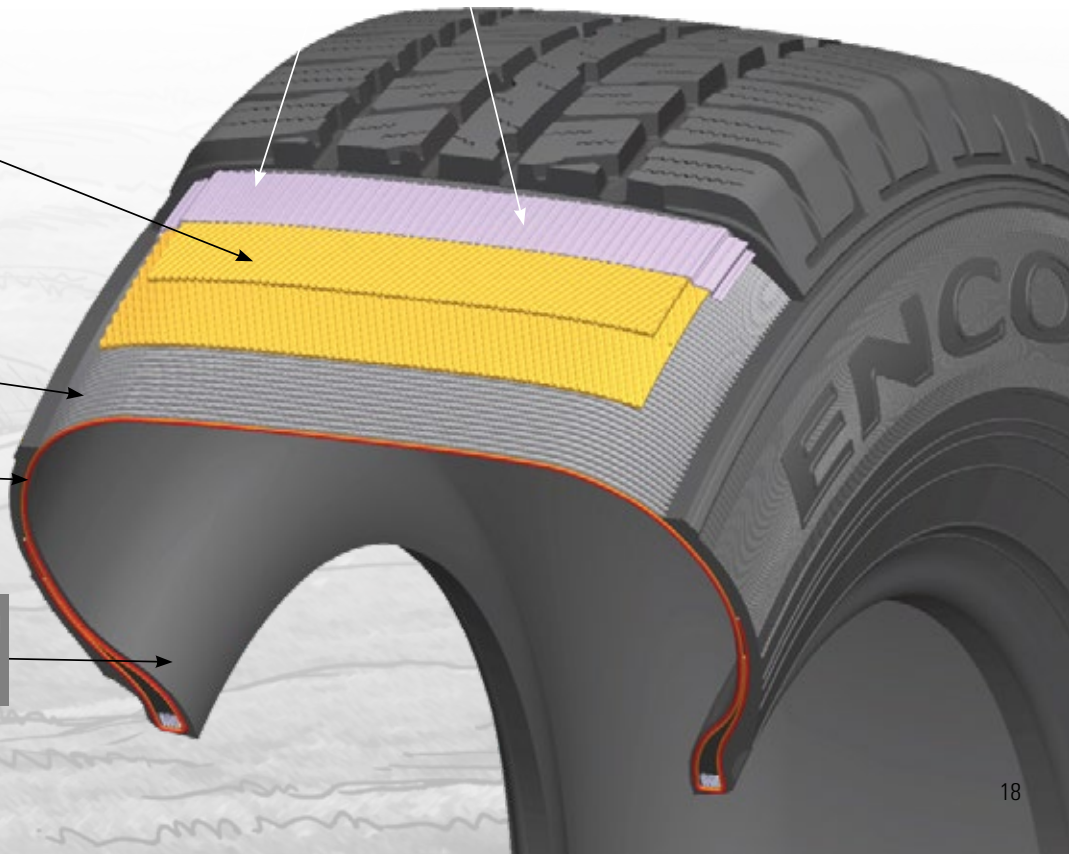
Full-width, jointless-nylon overlay plies secure belts and optimize stability

Reinforced twin steel belts optimize durability and carcass strength

High-tension casing ply provides enhanced tread stability

3-ply sidewall for LT sizes

Solid bead apex supports increased sidewall stiffness and strength under loaded conditions



ENCOUNTER HT

Product Code	Tire Size	Load Range	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per. Mile	Tread Depth	Ship Weight (lbs)
						Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)							
EHT75	225/75R16	XL	108T	600 A B	6.0	6.0	7.5	50	2205	29.3	8.8	6.4	13.1	721	11	33.7
EHT78	235/75R16	XL	112T	600 A B	6.5	6.0	8.0	50	2469	29.8	9.3	6.7	13.3	708	12	35.5
EHT79	245/75R16	SL	111T	600 A B	7.0	6.5	8.0	44	2403	30.5	9.8	7.0	13.6	694	12	36.6
EHT81	265/75R16	SL	116T	600 A B	7.5	7.0	9.0	44	2756	31.7	10.7	7.6	14.0	671	12	38.8
EHT12	215/70R16	SL	100T	600 A B	6.5	5.5	7.0	44	1764	27.9	8.7	6.5	12.6	754	11	27.6
EHT77	225/70R16	SL	103T	600 A B	6.5	6.0	7.5	44	1929	28.4	9.0	6.8	12.8	741	11	31.7
EHT53	235/70R16	SL	106T	600 A B	7.0	6.0	8.0	44	2094	29.0	9.5	7.0	13.0	728	12	34.2
EHT80	245/70R16	SL	107T	600 A B	7.0	6.5	8.0	44	2149	29.5	9.8	7.4	13.2	717	12	35.5
EHT86	255/70R16	SL	111T	600 A B	7.5	6.5	8.5	44	2403	30.1	10.2	7.6	13.4	703	12	35.3
EHT93	265/70R16	SL	112T	600 A B	8.0	7.0	9.0	44	2469	30.4	10.8	8.0	13.5	696	12	39.2
EHT09	P235/70R17	XL	108T	600 A B	7.0	6.0	8.0	50	2205	29.9	9.4	7.0	13.5	705	12	37.0
EHT89	245/70R17	SL	110T	600 A B	7.0	6.5	8.0	44	2337	30.6	9.8	7.4	13.7	691	12	37.5
EHT87	265/70R17	SL	115T	600 A B	8.0	7.0	9.0	44	2679	31.5	10.8	8.0	14.1	670	12	40.6
EHT76	225/65R17	SL	102H	600 A A	6.5	6.0	8.0	51	1874	28.5	8.9	7.1	12.8	745	11	30.8
EHT82	235/65R17	SL	104T	600 A B	7.0	6.5	8.5	44	1984	29.1	9.4	7.5	13.1	731	11	34.4
EHT67	245/65R17	SL	107T	600 A B	7.0	7.0	8.5	44	2149	29.5	9.8	7.8	13.3	719	12	37.5
EHT58	265/65R17	SL	112T	600 A B	8.0	7.5	9.5	44	2469	30.6	10.7	8.4	13.7	697	12	41.0
EHT52	255/70R18	SL	113T	600 A B	7.5	6.5	8.5	44	2535	32.1	10.2	7.6	14.4	656	12	41.0
EHT22	265/70R18	SL	116T	600 A B	8.0	7.0	9.0	44	2756	32.5	10.8	8.0	14.6	650	12	45.2
EHT05	235/65R18	SL	106H	600 A A	7.0	6.5	8.5	51	2094	30.0	9.3	7.4	13.6	705	11	34.8
EHT32	255/65R18	SL	111H	600 A A	7.5	7.0	9.0	51	2403	31.1	9.9	8.0	14.0	683	12	38.3
EHT56	265/65R18	SL	114H	600 A A	8.0	7.5	9.5	51	2601	31.7	10.5	8.3	14.2	671	12	41.5
EHT63	275/65R18	SL	116H	600 A A	8.0	7.5	9.5	51	2756	32.1	10.7	8.6	14.4	663	12	46.0
EHT49	235/60R18	XL	107H	600 A A	7.0	6.5	8.5	50	2149	29.2	8.9	7.4	13.3	723	13	33.5
EHT68	245/60R18	SL	105H	600 A A	7.0	7.0	8.5	51	2039	29.6	9.5	7.7	13.4	716	13	34.3
EHT91	265/60R18	SL	110H	600 A A	8.0	7.5	9.5	51	2337	30.6	10.2	8.3	13.8	693	14	39.5
EHT72	255/60R19	SL	109H	600 A A	7.5	7.0	9.0	51	2271	31.1	10.0	8.0	14.1	680	13	37.4
EHT15	275/60R20	SL	115H	600 A A	8.0	7.5	9.5	51	2679	33.0	10.7	8.7	15.0	640	12	44.5
EHT97	275/55R20	XL	117H	600 A A	8.5	7.5	9.5	50	2833	31.9	10.7	8.9	14.5	661	14	46.2
EHT17	LT235/85R16	E	120/116S	-	6.5	6.0	7.5	80	3042	31.7	9.3	6.7	14.6	658	16	50.0
EHT26	LT225/75R16	E	115/112T	-	6.0	6.0	7.0	80	2680	29.3	8.8	6.8	13.6	711	15	41.0
EHT38	LT245/75R16	E	120/116S	-	7.0	6.5	8.0	80	3042	30.5	9.8	7.4	14.1	684	16	49.4
EHT39	LT265/75R16	E	123/120S	-	7.5	7.0	8.0	80	3415	31.7	10.7	8.0	14.6	660	16	52.9
EHT69	LT285/75R16	E	126/123Q	-	8.0	7.5	9.0	80	3750	32.8	11.2	8.7	15.0	638	17	62.0
EHT95	LT235/80R17	E	120/117R	-	6.5	6.0	7.5	80	3085	31.8	9.2	6.9	14.7	655	16	49.2
EHT19	LT245/75R17	E	121/118R	-	7.0	6.5	7.5	80	3195	31.6	9.8	7.4	14.6	661	16	49.6
EHT92	LT265/70R17	E	121/118T	-	8.0	7.0	8.5	80	3195	31.7	11.0	8.2	14.7	657	16	57.3
EHT40	LT275/65R18	E	123/120T	-	8.0	7.5	9.0	80	3415	32.0	10.5	8.7	14.8	653	16	61.0
EHT43	LT275/65R20	E	126/123T	-	8.0	7.5	9.5	80	3750	34.1	10.6	8.7	15.8	612	16	66.2

Key Selling Points for the Encounter HT

SUPERIOR ALL-SEASON PERFORMANCE

From outstanding wet traction and handling to surefooted performance in cold weather, the Encounter HT delivers year-round confidence.

EXTENDED TREADWEAR AND MILEAGE

Incorporating the latest in Sumitomo tread technology, the Encounter HT is built to last. The 60,000-mile treadwear warranty delivers the confidence to go the extra mile, every time.

COMFORTABLE AND QUIET RIDE

The Encounter HT's optimized on-highway performance takes driver comfort to a new level with a noise-reducing tread design and smooth, stable ride.

RUGGED, DURABLE DESIGN

With reinforced construction, including 3-ply sidewalls for LT sizes, the Encounter HT allows drivers to tackle daily commutes or weekend getaways with the confidence that their tires are up to the challenge.

BEST-IN-CLASS WARRANTY PROTECTION

The Encounter HT is backed by a best-in-class warranty protection package that gives consumers ultimate security and peace of mind.

STYLISH BLACK LETTERING DESIGN

The solid black-letter sidewall design boosts aesthetic appeal and delivers stylish, eye-catching appearance.



Encounter Your Road to a New Adventure

Discover the new standard of all-season drivability and all-terrain durability with the Sumitomo Encounter AT ... the go-anywhere, do-anything all-terrain light truck tire for CUV's, SUV's and Pickups.

The Encounter AT is the ultimate choice for your vehicle, featuring advanced Sumitomo technology that delivers exceptional performance and versatility at an attractive price that doesn't break the bank.

The Encounter AT's refined, yet aggressive design combines superior all-surface traction with rugged durability for confident on-road drivability and off-road strength. With a sturdy five-rib design and deep tread depths, the Encounter AT plows through heavy snow and mud while providing the strength and stability to tow a boat to the lake, haul a load to a job site, or simply explore the open road in style.

Add in the extended-mileage tread compound and best-in-class warranty protection, and you'll quickly see that the Encounter AT is your best road to a new adventure.



Encounter Your Road to All-Terrain Versatility

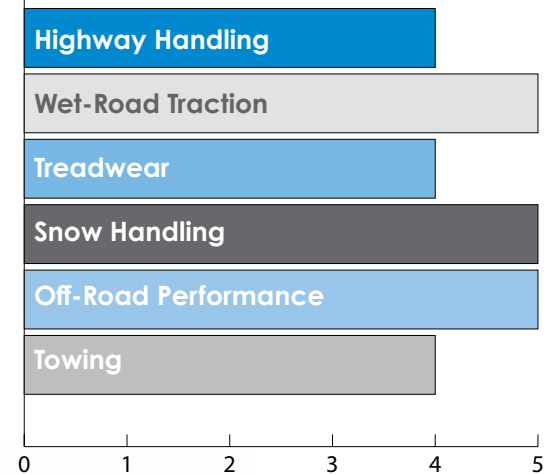
- 1 NON-DIRECTIONAL, 5-RIB TREAD DESIGN**
Optimizes ride stability and protects against irregular wear
- 2 DEEP CIRCUMFERENTIAL GROOVES**
Boost wet grip performance and provides superior wear life
- 3 OPTIMIZED TREAD PATTERN**
Stabilizes handling and steering response for a smooth, quiet ride
- 4 VARIABLE-WIDTH SHOULDER LUGS**
Evacuate rocks, sand and other debris for superior off-road grip
- 5 3D WAVE SIPES**
Enhance traction and performance in snow, mud and other soft surfaces
- 6 SEVERE SNOW CERTIFICATION**
Ensures reliable winter performance in heavy snow

Encounter Your Road to Peace of Mind

CONSUMER WARRANTY PROTECTION PACKAGE

- 60,000-Mile / 100,000-KM Treadwear for Metric and LT Sizes
- 2-Year, 24/7 Tire Roadside Assistance
- 1-Year Tire Road Hazard Protection Plan
- 30-Day Test Drive
- Lifetime Replacement for Workmanship and Material Defects

Encounter Your Road to All-Season Versatility



Encounter Your Road to Built-to-Last Performance

Wide, stiff steel belts enhance tread stiffness for responsive handling

Jointless nylon cap ply levels load distribution and provides smooth handling

High-tension casing ply balances stability and comfort during high-speed travel

Hard bead apex reinforces sidewall and casing for reliable towing and hauling

ENCOUNTER AT

Product Code	Tire Size	Load Range	Service Description	UTQG	Measuring Rim Width (in)	Approved Rim Width		Single Maximum		Dual Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per Mile	Tread Depth	Ship Weight (lbs)
						Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)	Air (lbs psi)	Load (lbs)							
ATH64	235/75R15	SL	105T	660 A B	6.5	6.0	8.0	51	2039	-	-	29.0	9.3	7.4	12.9	729	13	34.6
ATH66	235/75R15	XL	109T	660 A B	6.5	6.0	8.0	50	2271	-	-	29.0	9.3	7.4	12.9	729	13	34.6
ATH79	245/75R16	SL	111T	660 A B	7.0	6.5	8.0	51	2403	-	-	30.5	9.8	7.7	13.6	694	13	39.1
ATH81	265/75R16	SL	116T	660 A B	7.5	7.0	9.0	51	2756	-	-	31.7	10.7	8.3	14.1	669	13	44.5
ATH53	235/70R16	SL	106T	660 A B	7.0	6.0	8.0	51	2094	-	-	29.0	9.5	7.8	13.0	729	13	36.5
ATH80	245/70R16	SL	107T	660 A B	7.0	6.5	8.0	51	2149	-	-	29.6	10.0	8.1	13.2	714	13	39.9
ATH86	255/70R16	SL	111T	660 A B	7.5	6.5	8.5	51	2403	-	-	30.2	10.2	8.5	13.5	701	13	39.5
ATH93	265/70R16	SL	112T	660 A B	8.0	7.0	9.0	51	2469	-	-	30.7	10.9	8.8	13.7	689	14	43.3
ATH45	235/75R17	SL	109T	660 A B	6.5	6.0	8.0	51	2271	-	-	31.3	9.4	7.4	14.0	674	13	38.8
ATH09	P235/70R17	XL	108T	660 A B	7.0	6.0	8.0	50	2205	-	-	30.1	9.5	7.8	13.5	700	13	38.1
ATH89	245/70R17	SL	110T	660 A B	7.0	6.5	8.0	51	2337	-	-	30.7	10.0	8.1	13.7	689	13	41.4
ATH10	255/70R17	SL	112T	660 A B	7.5	6.5	8.5	51	2469	-	-	31.1	10.3	8.5	13.9	679	13	42.0
ATH87	265/70R17	SL	115T	660 A B	8.0	7.0	9.0	51	2679	-	-	31.7	10.9	8.8	14.2	666	14	45.6
ATH83	P285/70R17	SL	117T	660 A B	8.5	7.5	9.5	51	2833	-	-	32.9	11.7	9.4	14.6	645	14	50.0
ATH55	245/65R17	SL	107T	660 A B	7.0	7.0	8.5	51	2149	-	-	29.6	9.7	8.3	13.3	719	13	38.7
ATH20	255/65R17	SL	110T	660 A B	7.5	7.0	9.0	51	2337	-	-	30.1	10.3	8.6	13.5	707	13	41.0
ATH58	265/65R17	SL	112T	660 A B	8.0	7.5	9.5	51	2469	-	-	30.6	10.7	8.9	13.7	697	13	42.8
ATH52	255/70R18	SL	113T	660 A B	7.5	6.5	8.5	51	2535	-	-	32.2	10.3	8.5	14.5	654	13	44.8
ATH22	265/70R18	SL	116T	660 A B	8.0	7.0	9.0	51	2756	-	-	32.8	10.8	8.8	14.7	644	14	46.6
ATH56	265/65R18	SL	114T	660 A B	8.0	7.5	9.5	51	2601	-	-	31.5	10.7	8.9	14.1	675	13	46.1
ATH63	275/65R18	SL	116T	660 A B	8.0	7.5	9.5	51	2756	-	-	32.1	10.9	9.3	14.4	662	14	47.9
ATH91	265/60R18	SL	110T	660 A B	8.0	7.5	9.5	51	2337	-	-	30.6	10.6	8.9	13.8	694	13	43.3
ATH15	275/60R20	SL	115T	660 A B	8.0	7.5	9.5	51	2679	-	-	33.0	10.9	9.3	15.0	640	13	48.4
ATH73	275/55R20	XL	117T	660 A B	8.5	7.5	9.5	50	2833	-	-	31.9	11.0	9.4	14.5	661	13	48.6
ATH17	LT235/85R16	E	120/116R	-	6.5	6.0	7.5	80	3042	80	2778	31.7	9.5	7.2	14.6	658	17	47.4
ATH26	LT225/75R16	E	115/112R	-	6.0	6.0	7.0	80	2680	80	2470	29.3	8.7	7.1	13.5	713	17	41.4
ATH38	LT245/75R16	E	120/116R	-	7.0	6.5	8.0	80	3042	80	2778	30.3	9.8	7.7	14.0	688	17	48.3
ATH39	LT265/75R16	E	123/120R	-	7.5	7.0	8.0	80	3415	80	3085	31.5	10.6	8.3	14.5	664	18	54.5
ATH67	LT285/75R16	E	126/123R	-	8.0	7.5	9.0	80	3750	80	3415	32.7	11.5	8.9	15.0	640	18	61.0
ATH95	LT235/80R17	E	120/117R	-	6.5	6.0	7.5	80	3085	80	2835	31.8	9.3	7.1	14.7	655	17	47.9
ATH19	LT245/75R17	E	121/118R	-	7.0	6.5	7.5	80	3195	80	2910	31.7	9.7	7.7	14.6	659	17	49.7
ATH70	LT245/70R17	E	119/116S	-	7.0	6.5	8.0	80	3000	80	2755	30.7	10.0	8.1	14.3	676	17	48.3
ATH92	LT265/70R17	E	121/118S	-	8.0	7.0	8.5	80	3195	80	2910	31.9	10.9	8.8	14.8	653	18	52.8
ATH84	LT285/70R17	E	121/118S	-	8.5	7.5	9.0	80	3195	80	2910	32.8	12.0	9.4	15.1	637	18	58.5
ATH02	LT315/70R17	E	121/118S	-	9.5	8.0	11.0	65	3195	65	2910	34.6	13.1	10.2	15.9	604	20	72.8
ATH30	LT265/70R18	E	124/121S	-	8.0	7.0	9.0	80	3525	80	3195	32.8	11.1	8.8	15.2	634	18	59.5
ATH72	LT275/70R18	E	125/122S	-	8.0	7.0	8.5	80	3640	80	3305	33.4	11.2	9.1	15.5	624	18	60.6
ATH74	LT275/65R18	E	123/120S	-	8.0	7.5	9.0	80	3415	80	3085	32.1	10.9	9.2	14.8	651	18	59.5
ATH57	LT285/65R18	E	125/122S	-	8.5	8.0	10.0	80	3640	80	3305	32.5	11.5	9.6	15.0	644	18	64.2
ATH98	LT325/65R18	E	127/124R	-	9.5	9.0	12.0	65	3860	65	3525	34.7	13.3	10.9	15.9	604	20	76.7
ATH43	LT275/65R20	E	126/123S	-	8.0	7.5	9.5	80	3750	80	3415	34.2	10.9	9.3	15.9	611	18	64.6
ATH75	LT265/60R20	E	121/118R	-	8.0	7.5	9.5	80	3195	80	2910	32.7	10.3	8.8	15.3	636	18	58.2
ATH88	LT285/60R20	E	125/122R	-	8.5	8.0	10.0	80	3640	80	3305	33.5	11.5	9.4	15.6	622	18	61.5
ATH99	LT325/60R20	D	121/118S	-	9.5	9.0	12.0	50	3195	50	2910	35.4	13.0	11.1	16.4	589	20	83.8
ATH90	LT285/55R20	E	122/119R	-	9.0	8.0	10.0	80	3305	80	3000	32.5	11.4	9.8	15.1	640	18	58.2
ATH54	LT305/55R20	E	121/118S	-	9.5	8.5	11.0	65	3195	65	2910	33.1	12.4	10.5	15.4	628	19	68.2
ATH44	31X10.50R15LT	C	109R	-	8.5	7.0	9.0	50	2270	-	-	30.4	10.9	8.3	13.9	697	18	48.5
ATH71	35X12.50R20LT	E	121Q	-	10.0	8.5	11.0	65	3195	-	-	34.7	13.0	10.8	16.2	604	20	76.3

Key Selling Points for the Encounter AT

ALL-SEASON, ALL-TERRAIN PERFORMANCE

Exceptional traction in mud and heavy snow provides control in harsh weather and on tough terrain for true all-surface performance year round.

COMFORTABLE AND QUIET RIDE

Optimized tread design reduces road noise and delivers smooth, comfortable on-highway performance.

RUGGED, DURABLE CONSTRUCTION

Designed from the inside out to provide versatile on-road drivability and off-road strength.

BEST-IN-CLASS WARRANTY PROTECTION

Backed by a best-in-class warranty protection package for consumer confidence and peace of mind.

AGGRESSIVE SIDEWALL DESIGN

Stylized with two different aggressive shoulder designs for an eye-catching appearance.

SEVERE SNOW CERTIFIED

All sizes rated with the U.S. Tire Manufacturers Association's 3-Peak Mountain Snowflake symbol for severe snow performance.

SEGMENT-BEST TREAD DEPTH

Deepest tread in category: 20/32" for select sizes.*

EXTENDED TREADWEAR AND MILEAGE

Advanced tread technology is built to last and backed by a 60,000-mile treadwear warranty.

*Based on available market data as of July 2017

ICE EDGE

Studdable Winter Passenger/SUV

Get an Edge on Winter with the Ice Edge



The Sumitomo Ice Edge winter tire gives you the edge on snow-, ice- and slush-covered roads. Developed with Sumitomo's most advanced cutting "Edge" technology, the Ice Edge delivers an outstanding combination of cold weather grip and superior stability, handling performance and smooth ride comfort.

Certified with the USTMA 3PMSF symbol for severe snow performance, the versatile Ice Edge has been specially engineered to meet the needs of users in a variety of winter driving environments. This tire is loaded with design features that specifically target the unique demands of cold-weather driving, such as a specially-formulated tread compound tuned to superior performance in low temperatures and Sumitomo's unique 3D sipe technology that provides the ultimate "bite" on snow and ice.

And with a broad, progressive size range, value-focused price and the confidence and security of a free lifetime warranty for defects, the Ice Edge delivers at the point of sale as well.

Get an edge on winter's worst with the all new Sumitomo Ice Edge!

Cutting-Edge, Driver-Focused Design

WIDE AND SERRATED TREAD CHANNELS

Enhance snow grip and speeds evacuation of slush and ice

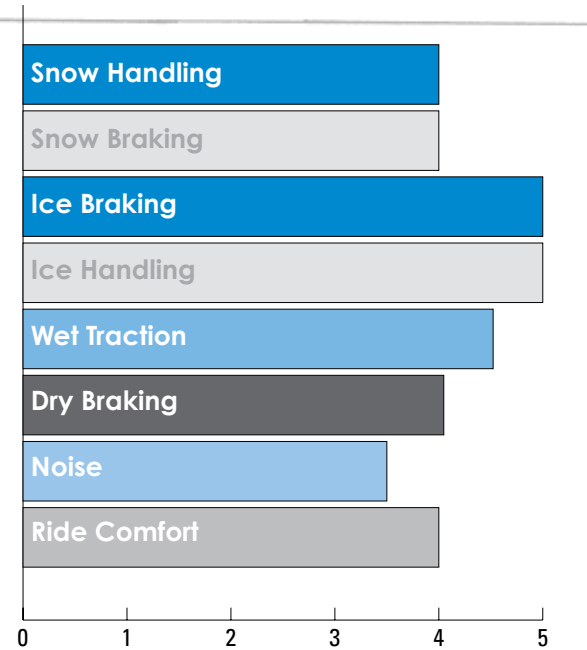
OPTIMIZED 3D SERRATED SIPING PATTERN
Maximizes tread "bite" on winter road surfaces

TRIANGULAR CENTER TREAD BLOCKS
Expand tread contact footprint with road surface for superior stability and handling

OPTIMIZED STUD PIN DISTRIBUTION
Maximizes performance capability when studded for winter use



The Winter Tire with All-Season Versatility



Built to Take on Winter's Worst

Peace of Mind Through Sleet and Snow

- Lifetime replacement for workmanship and material defects
- Certified with the USTMA 3PMSF symbol for severe snow performance

Soft silica tread compound for enhanced grip on snow and ice

Full-width nylon overlay with additional edge bands for superior ride stability and steel belt security

Reinforced twin steel belts optimize durability and carcass strength

Hard base compound for improved stud retention and handling stability

Solid bead apex supports increased sidewall stiffness and strength under loaded conditions

ICE EDGE															
Product Code	Tire Size	Service Description	Measuring Rim Width (in)	Approved Rim Width		Single Maximum		Overall Diameter (in)	Section Width (in)	Tread Width (in)	Static Loaded Radius (in)	Revs. Per Mile	Tread Depth	Ship Weight (lbs)	Stud Size
				Min. (in)	Max. (in)	Air (lbs psi)	Load (lbs)								
EDG21	175/70R14/XL	88T	5.0	4.5	6.0	50	1235	23.9	7.0	5.7	10.7	886	12	15.6	12
EDG62	185/65R14	86T	5.5	5.0	6.5	44	1168	23.6	7.4	6.2	10.6	905	12	18.0	12
EDG33	215/70R15	98T	6.5	5.5	7.0	44	1653	27.0	8.9	7.0	12.1	783	12	17.6	12
EDG10	175/65R15	84T	5.0	5.0	6.0	44	1102	24.2	6.9	5.8	10.9	877	12	16.7	12
EDG27	185/65R15	88T	5.5	5.0	6.5	44	1235	24.6	7.4	6.2	11.1	865	12	19.1	12
EDG28	195/65R15	91T	6.0	5.5	7.0	44	1356	25.2	7.8	6.5	11.3	845	12	21.2	12
EDG30	205/65R15	94T	6.0	5.5	7.5	44	1477	25.6	8.2	6.8	11.5	832	12	20.7	12
EDG73	185/60R15	84T	5.5	5.0	6.5	44	1102	24.0	7.3	6.2	10.8	889	12	18.9	12
EDG60	195/60R15	88T	6.0	5.5	7.0	44	1235	24.3	7.8	6.5	11.0	871	12	19.5	12
EDG98	185/55R15	82T	6.0	5.0	6.5	44	1047	23.2	7.4	6.1	10.6	911	12	18.1	12
EDG12	215/70R16	100T	6.5	5.5	7.0	44	1764	28.2	8.8	7.0	12.6	755	13	29.7	13
EDG78	225/70R16	103T	6.5	6.0	7.5	44	1929	28.6	9.0	7.3	12.8	740	13	30.1	13
EDG53	235/70R16	106T	7.0	6.0	8.0	44	2149	29.1	9.5	7.6	13.0	730	13	31.8	13
EDG80	245/70R16	107T	7.0	6.5	8.0	44	2469	29.7	9.8	8.0	13.2	717	13	36.1	13
EDG93	265/70R16	112T	8.0	7.0	9.0	44	1929	30.7	10.8	8.3	13.6	692	13	34.8	12
EDG54	205/65R16	95T	6.0	5.5	7.5	44	2094	26.6	8.2	6.8	12.0	800	12	22.4	12
EDG55	215/65R16	98T	6.5	6.0	7.5	44	1521	27.2	8.7	7.2	12.2	786	12	28.4	12
EDG83	225/65R16	100T	6.5	6.0	8.0	44	1653	27.7	9.0	7.5	12.4	771	12	27.1	12
EDG99	235/65R16	103T	7.0	6.5	8.5	44	1764	28.2	9.6	7.8	12.6	760	13	31.8	12
EDG18	205/60R16	92T	6.0	5.5	7.5	44	1389	25.9	8.2	6.8	11.7	821	12	23.8	12
EDG48	215/60R16	95T	6.5	6.0	7.5	44	1521	26.3	8.7	7.2	11.9	811	12	24.8	12
EDG52	225/60R16	98T	6.5	6.0	8.0	44	1653	26.9	9.0	7.4	12.0	795	13	29.7	12
EDG56	235/60R16	100T	7.0	6.5	8.5	44	1764	27.3	9.4	7.8	12.2	783	13	30.1	12
EDG81	195/55R16	87T	6.0	5.5	7.0	44	1201	24.7	7.7	6.5	11.2	862	12	20.7	12
EDG41	205/55R16	91T	6.5	5.5	7.5	44	1356	24.9	8.3	6.8	11.4	845	12	22.3	12
EDG57	215/55R16/XL	97T	7.0	6.0	7.5	50	1609	25.6	8.7	7.1	11.5	834	12	25.4	12
EDG31	215/65R17	99T	6.5	6.0	7.5	44	1709	28.2	8.7	7.2	12.7	755	12	29.2	12
EDG76	225/65R17	102T	6.5	6.0	8.0	44	1874	28.7	9.0	7.5	12.9	742	13	30.0	12
EDG77	235/65R17/XL	108T	7.0	6.5	8.5	50	2205	29.2	9.6	7.8	13.1	732	13	32.4	13
EDG67	245/65R17	107T	7.0	7.0	8.5	44	2149	29.6	10.0	8.1	13.3	719	13	36.4	13
EDG79	215/60R17	96T	6.5	6.0	7.5	44	1565	27.5	8.5	7.2	12.4	778	12	25.6	12
EDG96	225/60R17	99T	6.5	6.0	8.0	44	1709	28.0	8.8	7.4	12.6	764	13	26.4	12
EDG07	235/60R17	102T	7.0	6.5	8.5	44	1874	28.3	9.4	7.8	12.7	753	13	31.4	12
EDG87	215/55R17	94T	7.0	6.0	7.5	44	1609	26.6	8.7	7.1	12.0	800	12	23.4	12
EDG88	225/55R17	97T	7.0	6.0	8.0	44	1477	27.0	9.0	7.5	12.2	788	12	26.6	12
EDG89	235/55R17	99T	7.5	6.5	8.5	44	1709	27.3	9.5	7.8	12.4	778	12	29.2	12
EDG15	205/50R17/XL	93T	6.5	5.5	7.5	50	1433	25.3	8.0	6.8	11.6	837	12	23.3	12
EDG58	215/50R17	91T	7.0	6.0	7.5	44	1356	25.8	8.5	7.1	11.7	823	12	24.9	12
EDG66	225/50R17	94T	7.0	6.0	8.0	44	1477	26.1	8.8	7.4	11.9	811	12	25.1	12
EDG50	215/45R17/XL	91T	7.0	7.0	8.0	50	1356	24.8	8.1	7.1	11.4	842	12	22.4	12
EDG71	225/45R17/XL	94T	7.5	7.0	8.5	50	1477	25.2	8.6	7.4	11.5	834	12	23.8	12
EDG05	235/65R18	106T	7.0	6.5	8.5	44	2094	30.1	9.5	7.8	13.6	705	13	36.2	13
EDG35	225/60R18	100T	6.5	6.0	8.0	44	1764	29.0	8.8	7.4	13.1	736	13	28.1	12
EDG49	235/60R18/XL	107T	7.0	6.5	8.5	50	2149	29.4	9.4	7.8	13.2	725	13	33.5	13
EDG68	245/60R18	105T	7.0	7.0	8.5	44	2039	29.9	9.7	8.1	13.4	713	13	35.5	13
EDG91	265/60R18	110T	8.0	7.5	9.5	44	2337	30.7	10.5	8.5	13.8	694	13	38.8	13
EDG92	225/55R18	98T	7.0	6.0	8.0	44	1653	28.0	8.9	7.5	12.7	758	12	29.4	12
EDG34	235/55R18	100T	7.5	6.5	8.5	44	1764	28.5	9.4	7.8	12.9	749	13	30.9	12
EDG36	255/55R18/XL	109T	8.0	7.0	9.0	50	2271	29.3	10.2	8.5	13.2	727	13	38.7	13
EDG13	235/50R18	97T	7.5	6.5	8.5	44	1609	27.6	9.3	7.8	12.6	769	12	29.7	12
EDG14	225/45R18	91T	7.5	7.0	8.5	44	1356	26.0	8.6	7.4	12.0	800	12	26.0	12
EDG17	245/45R18/XL	100T	8.0	7.5	9.0	50	1764	26.9	9.1	8.1	12.3	781	12	29.1	12
EDG86	235/55R19/XL	105T	7.5	6.5	8.5	50	2039	29.4	9.5	7.8	13.4	721	13	32.0	12
EDG61	245/55R19	103T	7.5	7.0	8.5	44	1929	29.9	9.8	8.1	13.6	709	13	33.5	12
EDG94	245/45R19	98T	8.0	7.5	9.0	44	1653	28.0	9.2	8.1	12.8	751	12	28.8	12
EDG82	245/50R20	102T	7.5	7.0	8.5	44	1874	30.0	9.1	8.1	13.7	705	13	33.9	12
EDG85	265/50R20	107T	8.5	7.5	9.5	44	2149	30.9	10.6	8.8	14.0	690	13	40.8	12

Technical Data

Load Inflation Table

Table Based on ETRTO Data Load (LBS) & Inflation (PSI)

Air Pressure - PSI

Index	26	27	28	29	30	31	32	33	34	35	36
80	757	778	806	826	847	875	895	916	937	964	992
81	779	799	829	848	869	897	917	938	958	986	1,019
82	801	821	851	871	901	931	951	970	991	1,020	1,047
83	823	842	874	893	923	954	973	992	1,012	1,042	1,074
84	845	864	896	926	945	976	995	1,025	1,044	1,075	1,102
85	967	896	930	948	977	1,010	1,028	1,047	1,077	1,108	1,135
86	900	918	952	981	999	1,032	1,061	1,080	1,109	1,142	1,168
87	922	950	986	1,003	1,031	1,066	1,083	1,112	1,130	1,164	1,202
88	944	972	1,008	1,036	1,053	1,088	1,116	1,145	1,163	1,197	1,235
89	977	1,004	1,042	1,069	1,097	1,133	1,161	1,189	1,206	1,241	1,279
90	1,010	1,037	1,075	1,102	1,129	1,167	1,194	1,221	1,249	1,286	1,323
91	1,043	1,069	1,109	1,135	1,162	1,200	1,227	1,254	1,281	1,319	1,356
92	1,065	1,091	1,131	1,157	1,194	1,232	1,260	1,287	1,314	1,352	1,389
93	1,098	1,123	1,165	1,201	1,227	1,265	1,293	1,330	1,357	1,396	1,433
94	1,131	1,166	1,209	1,234	1,270	1,313	1,338	1,363	1,400	1,441	1,477
95	1,164	1,199	1,243	1,267	1,303	1,346	1,382	1,407	1,443	1,485	1,521
96	1,196	1,231	1,277	1,311	1,346	1,391	1,415	1,450	1,475	1,518	1,565
97	1,229	1,263	1,310	1,344	1,379	1,425	1,459	1,494	1,518	1,563	1,609
98	1,262	1,296	1,344	1,377	1,411	1,458	1,492	1,527	1,561	1,607	1,653
99	1,306	1,339	1,389	1,432	1,466	1,514	1,548	1,581	1,615	1,662	1,709
100	1,350	1,382	1,433	1,477	1,509	1,559	1,592	1,636	1,669	1,718	1,764
101	1,394	1,425	1,478	1,521	1,563	1,615	1,647	1,679	1,723	1,773	1,819
102	1,438	1,469	1,523	1,565	1,607	1,660	1,691	1,734	1,776	1,829	1,874
103	1,482	1,523	1,579	1,609	1,650	1,705	1,747	1,788	1,820	1,873	1,929
104	1,515	1,566	1,624	1,664	1,704	1,761	1,802	1,832	1,873	1,928	1,984
105	1,559	1,609	1,669	1,708	1,748	1,806	1,846	1,886	1,927	1,984	2,039
106	1,603	1,652	1,713	1,752	1,791	1,851	1,901	1,941	1,981	2,039	2,094
107	1,646	1,695	1,758	1,796	1,846	1,907	1,946	1,985	2,035	2,095	2,149
108	1,690	1,739	1,803	1,840	1,889	1,952	2,001	2,039	2,089	2,150	2,205
109	1,734	1,782	1,848	1,895	1,943	2,008	2,056	2,104	2,143	2,206	2,271
110	1,789	1,836	1,904	1,950	1,998	2,064	2,111	2,159	2,207	2,272	2,337
111	1,844	1,890	1,960	2,005	2,063	2,131	2,178	2,224	2,272	2,339	2,403
112	1,888	1,944	2,016	2,061	2,117	2,188	2,233	2,290	2,336	2,405	2,469
113	1,943	1,998	2,072	2,116	2,171	2,244	2,299	2,344	2,401	2,472	2,535
114	1,987	2,041	2,117	2,171	2,226	2,300	2,355	2,410	2,455	2,527	2,601
115	2,053	2,106	2,184	2,237	2,291	2,367	2,421	2,475	2,530	2,605	2,679
116	2,107	2,171	2,251	2,303	2,356	2,434	2,498	2,552	2,605	2,682	2,756
117	2,173	2,225	2,307	2,369	2,432	2,513	2,565	2,617	2,681	2,760	2,833
118	2,228	2,289	2,374	2,435	2,497	2,580	2,631	2,693	2,756	2,837	2,910
119	2,294	2,354	2,441	2,512	2,573	2,659	2,719	2,770	2,832	2,915	2,998
120	2,360	2,430	2,520	2,578	2,649	2,737	2,797	2,857	2,918	3,004	3,086

NOTE: "REINFORCED" TIRES REQUIRE 6 PSI ADDED TO CARRY THE SAME LOADS AS "STANDARD" TIRES.

PLUS SIZING GUIDELINES

When considering a plus size application for a vehicle, parameters include the Original Equipment Tire Size, Speed Rating, Load Capability, Inflation Pressures, Outside Diameter (Overall Tire Diameter), and Revolutions Per Mile, as well as the space limitations of the vehicle wheel well. The plus size changeover may be for looks or for performance enhancements. In either case, lower profile tires which have wider section widths, as well as higher performance tires, normally will increase steering response and overall cornering grip since the tire footprint shape (contact patch) is usually wider and shorter than the Original Equipment tire's contact patch. To ensure proper vehicle operation, the following guidelines may be considered in relation to the original equipment tire and wheel package:

OVERALL DIAMETER - Within 2% of the original equipment fitment; optimal is within 1% and usually the shorter is better for stability, turning, acceleration, and braking.

LOAD AND INFLATION - Ensure the load carrying capacity for the vehicle is not reduced with the new tires and wheels. Calculate the new minimum inflation pressure to maintain the load equal to or greater than the Original Equipment tire and inform the consumer of the adjusted minimum inflation pressures.

SPEED RATING - Using equal or higher speed rated tires ensures that durability standards and performance characteristics are not diminished.

RIM WIDTH AND OFFSET - Ensure the rim width is within the rim range for the selected tire size. Also maintain the offset of the original equipment tire and wheel package.

TIRE AND WHEEL WEIGHT - The combined weight of the new tire and wheel package should be near the Original Equipment weight. Increased weight affects the shocks, springs and brakes, as well as other suspension components.

SAFETY WARNING - SUMITOMO TIRE DOES NOT RECOMMEND ANY PLUS FITMENT THAT HAS A LOWER LOAD INDEX THAN THE ORIGINAL EQUIPMENT TIRES. FAILURE TO FOLLOW PUBLISHED LOAD AND INFLATION SPECIFICATIONS IS VERY DANGEROUS.

NOTE: Low profile Sport Truck /SUV tires are sensitive to cracking when under-inflated or overloaded due to the low sidewall height and relatively stiffer sidewalls. During use, an over-flexed tire will often start cracking on the outer sidewall early in the tire life. Sumitomo Tire recommends you do not sell a 'plus' fitment size that has a lower load index than the original equipment tire. Any tires showing evidence of under-inflation, overloading, or are of inadequate load carrying capacity for the tires replaced will not qualify for warranty coverage. Shoulder wear and/or several lines (wrinkles) on the middle inner liner are common indications of under-inflation or overloading.

CLEARANCE

Since Plus Sized Tires and Wheels are usually wider than original, consideration must be given to wheel well space and any potential interference with suspension, chassis, or bodywork. The new tire and wheel package must have ample clearance to avoid the possibility of contacting another component of the vehicle through turns, dips, and bumps. Tire deflection, lock-to-lock steering, jounce, and rebound all must be considered.

BRAKES

Concern for increased weight of the wheel and tire package must focus on the performance range of the braking system. As the rim diameter increases and the tire widths increase, the weight is concentrated farther out on the lever arm in a rotational mass, which increases the stress on the brakes (or decreases their effectiveness). Also of concern is the overall weight of the tire and wheel and the effect on the braking system. Consideration must be given to upgrading the braking system to maintain braking capability within operational limits.

ELECTRONICS

Since the ABS, ECS, engine management systems, speedometer, odometer, transmission shift points, speed control system, and inflation warning systems use information based on the revolutions per mile of the tire, attention must be given to maintaining a tire RPM close to the original design. Staying within 1% is optimal. Vehicle dealers should be contacted to reset the electronic codes for affected electronics.

Of special concern is any tire inflation warning system that may need recalibrating after a Plus Application. Air pressure is critical for optimum tire performance and tire safety. Clearance for the monitors within the tire cavity may also be of concern. As the air cavity reduces in height, the clearance to the monitors may be reduced and therefore may be more vulnerable to road impact damage, as well as damage during tire installation. Location (distance from the hub) may or may not affect the monitors' performance. Contact the vehicle manufacturer for clarification.

ALIGNMENT

Since the shape of the tire footprint has been altered (normally shorter and wider than OE) there may be a need to modify or restrict the range of the static wheel alignment within the factory specifications. When plus sizing, be aware that the new tire's footprint shape may require an alignment arrangement which minimizes scrub and/or camber thrust.