

TOYO TIRES

driven to perform

European Product Catalogue 2011





TOYO TIRES
driven to perform



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Toyotire & Rubber

Toyotire & Rubber Co.,Ltd. is one of the world's leading tire manufacturers with subsidiaries or agents in over 100 countries and regions. The business currently has more than 6.000 employees. Founded in 1945, the group Headquarters is in Osaka, Japan whilst the Head Office of the tire business is in Tokyo.

Business activities of the group are based on three core competences: tires, automotive technology and chemicals. TOYO TIRES had been present in Europe for over 30 years when, in 2005, Toyotire Europe GmbH was established as the European Headquarters of the group.

TOYO TIRES core business is the development, production and marketing of high-quality, high performance tires. The multi-faceted range of products includes summer and winter tires for cars, 4x4s and SUVs as well as tires for commercial and Heavy Goods Vehicles.

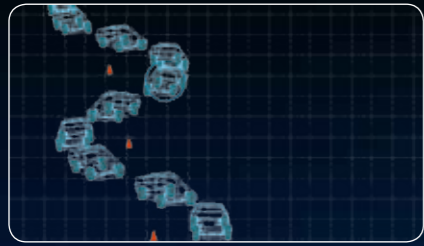


Fig. 1.1: Slalom simulation

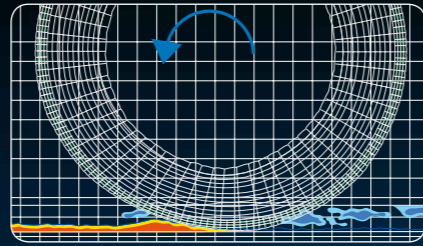


Fig 1.3: Aquaplaning simulation



Fig. 1.2: Braking performance simulation

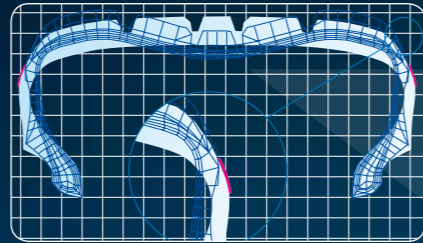


Fig. 1.4: Vibration simulation



Driving Simulation

Slalom simulation

This test simulates the movement and grip of the tires and establishes exact computer data on the vehicle's slalom driving. The results of this simulation test allow TOYO TIRES to develop safe, reliable tires, suitable for driving on any road surface. (see fig. 1.1)

Braking Performance Simulation

Braking is one of the most important functions of the vehicle. Based on computer-aided simulations TOYO TIRES can develop tires which allow the vehicle to stop faster and with greater control. (see fig. 1.2)

Tire Simulation

Aquaplaning Simulation

Aquaplaning describes the situation where a tire slides on a water membrane and the vehicle loses contact with the road surface in the rain. This is extremely dangerous for the driver. TOYO TIRES design software analyses these conditions to develop safer tires which give outstanding driving performance in the rain. (see fig. 1.3)

Vibration Simulation

The noise caused by rough road surfaces can be very distracting and uncomfortable for the driver. Noise is caused among other things by vibration. Because TOYO TIRES are aware that consumers want reduced noise levels in the car, we design lighter tires for increased driving comfort, even on poor surfaces. (see fig. 1.4)

Innovative Proprietary Technology

TOYO TIRES uses "T-mode", a design tool with innovative IT technology, in the development of tires. Virtually every driving condition, every surface and every variable of vehicle dynamics and power can be simulated perfectly and brought together on the computer. In this way the various parameters of tire development, grip, cornering, wear resistance, and noise generation, can be optimally adjusted and tuned to each other.

Thanks to T-mode we can now develop the ideal tire for road safety whatever the vehicle's horse-power.

The New Tire Designing Basis Technology
T mode



High Performance

Cars contain more TOYO TIRES know-how than you might think.

Since our founding in 1945 we have been researching and manufacturing not only in the area of tires but also automotive technology and chemical and industrial products. Within this diverse range we consistently concentrate on our core and greatest passion: high performance tires. Here only the best is good enough for TOYO TIRES.

All over the world, we drive our tires on countless test and race tracks. The experience of numerous motorsport events, from the Nürburgring 24 hours to the Dakar Rally flows into the future development of our high performance tires.

In this way we use new developments and innovations in technology to create products able to meet the high demands of a premium brand.



Summer Range Overview

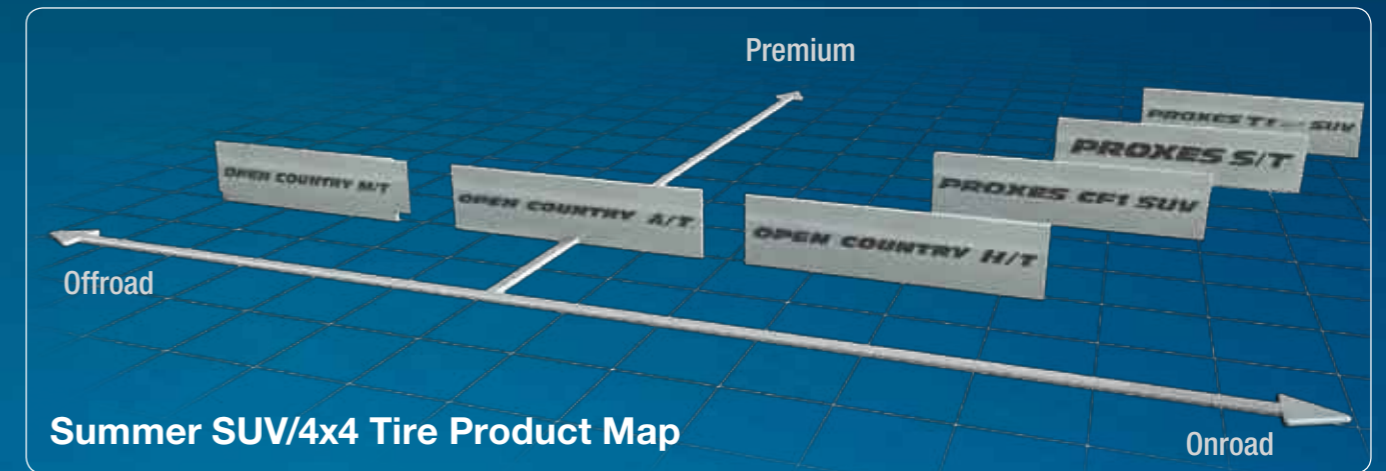
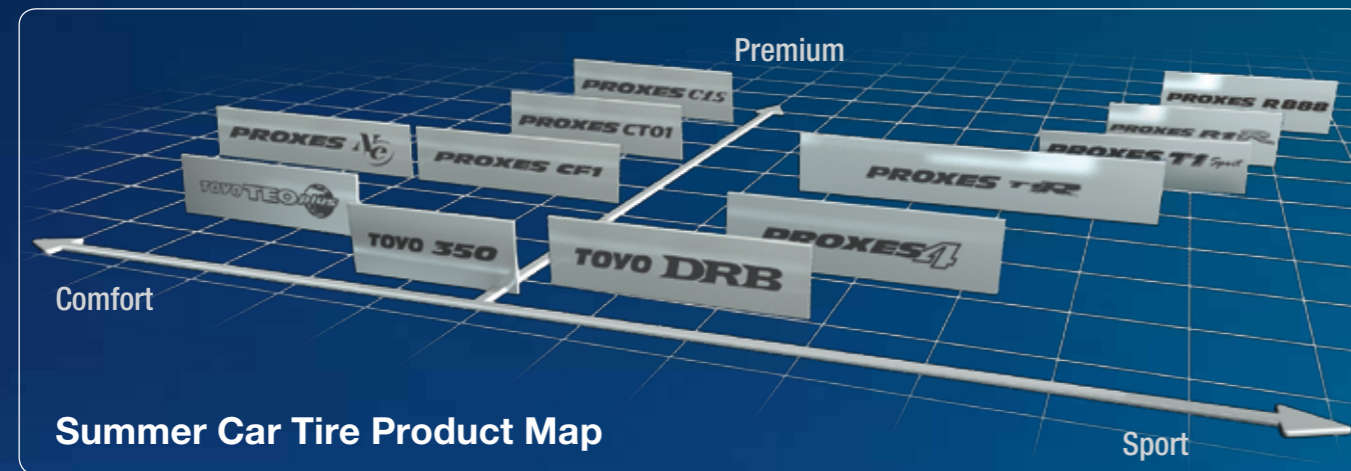
PROXES

New for 2011

PROXES T1 SPORT SUV



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PROXES

PROXES R888	PROXES R1R	PROXES T1 SPORT	PROXES T1R	PROXES CT5	PROXES CT01	PROXES 4	PROXES CF1 / PROXES CF1 SUV
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PROXES

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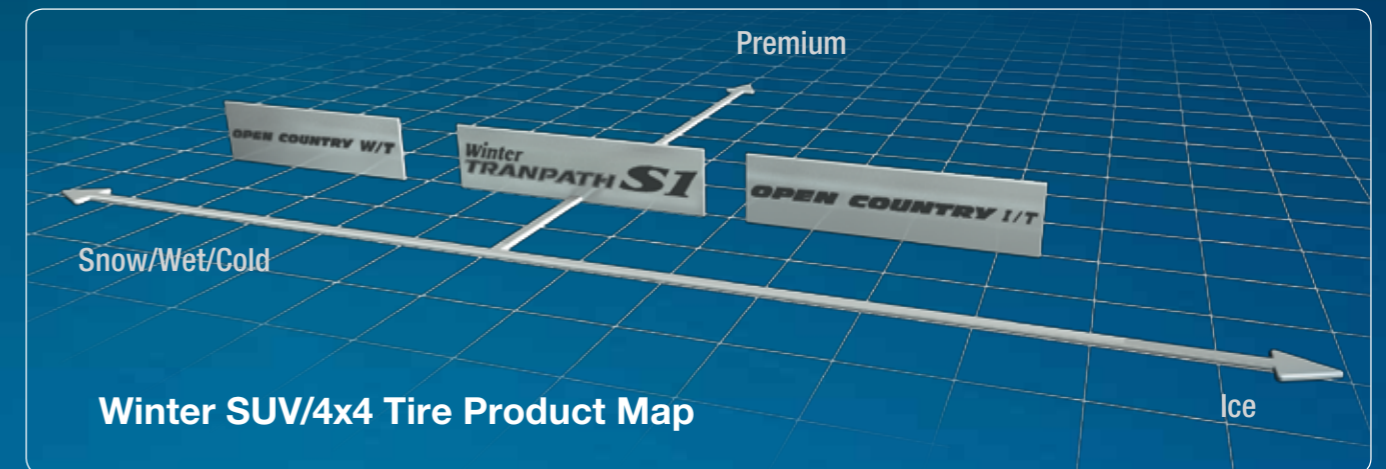
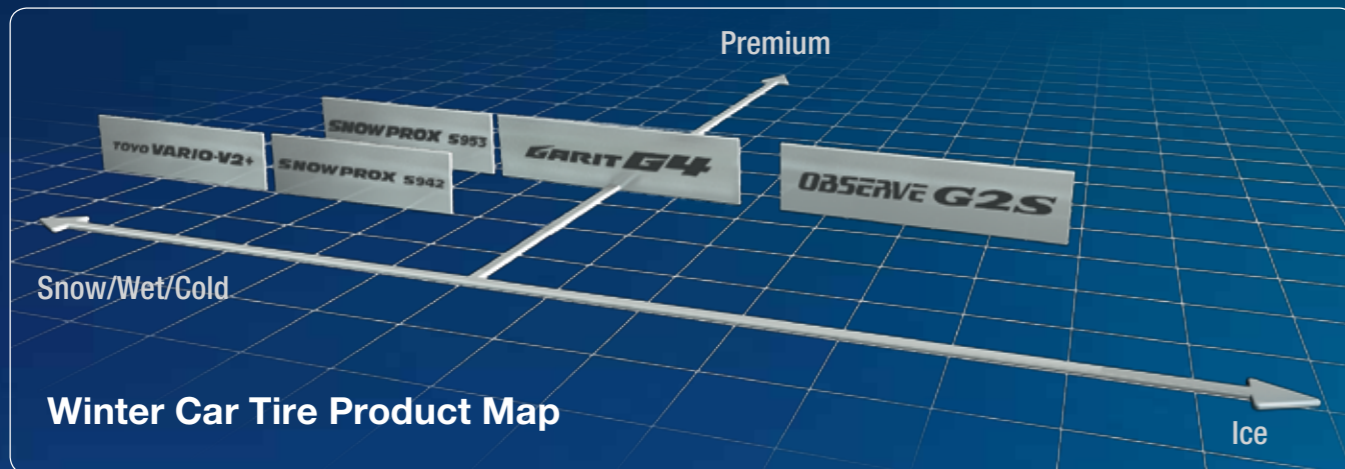
TOYO

TOYO DRB	TOYO Teo Plus	TOYO 350
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OPEN COUNTRY

OPEN COUNTRY H/T	OPEN COUNTRY A/T	OPEN COUNTRY M/T
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Winter Range Overview



VARIO-V2+ SNOWPROX				GARIT G4 OBSERVE G2S	
TOYO Vario V2+	SNOWPROX S942	SNOWPROX S952	SNOWPROX S953	Garit G4	OBSERVE G2S
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OPEN COUNTRY W/T	Winter TRANPATH S1	OPEN COUNTRY I/T
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Audi RS 5 – Proxes T1 A0

Audi Original Equipment Overview

New for 2011

OPEN COUNTRY

PROXES

OPEN COUNTRY W/T



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Audi Q7 255/55 R18 109H XL

PROXES T1 SPORT R01



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Audi TT RS 255/35 R19 96Y

PROXES T1 SPORT A0



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Audi TTS 255/35 R19 96Y
Audi TT 255/35 R19 96Y

PROXES T1 A0



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Audi RS 5 265/35 R19 98Y
Audi S6 265/35 R19 98Y



Audi S6 – Proxes T1 A0



Audi Q7 – Open Country W/T



Audi TT RS - Proxes T1 Sport R01
Audi TT/TTS - Proxes T1 Sport A0

For full details of all original equipment fitments, please see pages 104 - 107.



SUMMER TIRES



PROXES R888



A competition radial, Proxes R888 has been developed to deliver maximum dry handling and quick lap times for racing events and track days. With its unique and functional tread design, Proxes R888 is a proven race winner. Speed Indices H, V, W and Y. 13-20 inch.

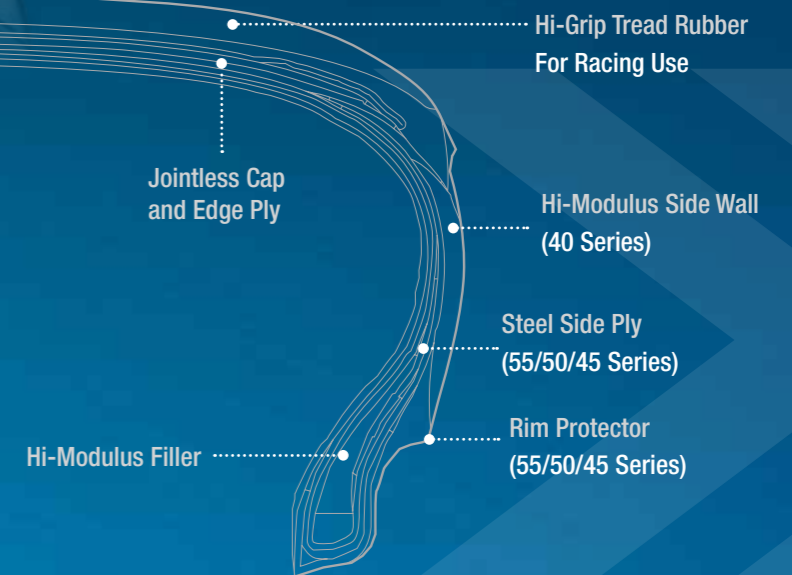
Construction Technology

Polyester Carcass Ply (55/50/45 Series)
Rayon Carcass Ply (40 Series)

Uniform Contact Patch



Contact pressure is evenly distributed across the tire tread area.



Recommendation

For Circuit Use

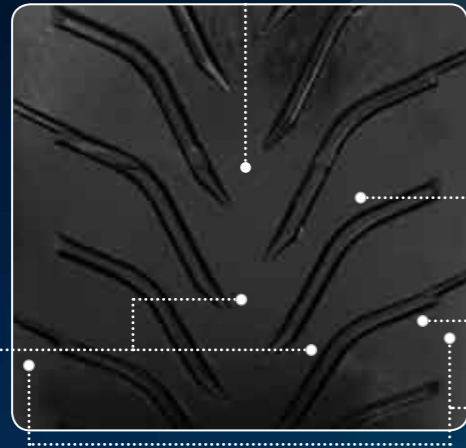
- GG medium hard race compound
- Competition carcass construction
- Wide block/shallow groove tread pattern

- Supreme dry grip
- Reduced heat degradation
- Excellent cornering and braking characteristics

3G (soft) and SG (wet) compounds are for competition use only and supply will only be authorised following an examination of the conditions of use proposed. Please contact Toyo Tire Europe for further information.

Tread Pattern Features

Wide Center Block
For extreme dry braking & traction



Wide Shoulder Block
For extreme dry grip

Consecutive Block
For extreme dry grip

V-Shaped Tread Design
For excellent aquaplaning

CAUTION:

Aquaplaning and wear are good for a competition tire but are inferior to a normal road tire. Because of this, Proxes R888 is not recommended for everyday road use. For best performance, Proxes R888 should be changed after two seasons maximum, irrespective of wear.

Dimensions Proxes R888

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	COMPOUND	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)	
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)				
13	60	185/60 R13	80H	3G	5.0	549	186	250	203	1674	5.5	5.00 - 6.50	
		185/60 R13	80H	SG	5.0	549	186	250	203	1674	5.5	5.00 - 6.50	
		185/60 R13	80V	2G	5.0	549	188	250	205	1674	5.5	5.00 - 6.50	
		205/60 R13	86H	SG	5.0	572	212	259	231	1745	6.0	7.50 - 7.50	
		205/60 R13	86V	2G	5.0	573	209	260	228	1748	6.0	5.50 - 7.50	
13	45	225/45 R13	84V	2G	5.0	529	223	243	243	1613	7.5	7.00 - 8.50	
		185/60 R14	82H	3G	5.0	574	188	263	205	1751	5.5	5.00 - 6.50	
14	60	185/60 R14	82H	SG	5.0	574	188	263	205	1751	5.5	5.00 - 6.50	
		185/60 R14	82V	2G	5.0	574	188	263	205	1751	5.5	5.00 - 6.50	
		205/55 R14	85V	2G	5.0	579	213	265	232	1766	6.5	5.50 - 7.50	
	50	225/50 R14	89V	2G	5.0	580	235	265	256	1769	7.0	6.00 - 8.00	
		195/55 R15	85V	2G	5.0	592	203	273	221	1806	6.0	5.50 - 7.00	
15	55	195/55 R15	85V	3G	5.0	592	203	273	221	1806	6.0	5.50 - 7.00	
		195/55 R15	85V	SG	5.0	592	203	273	221	1806	6.0	5.50 - 7.00	
		165/50 R15	72V	2G	5.0	546	163	255	178	1665	5.0	4.50 - 6.00	
	50	165/50 R15	72V	SG	5.0	546	163	255	178	1665	5.0	4.50 - 6.00	
		195/50 R15	82H	3G	5.0	572	200	265	218	1745	6.0	5.50 - 7.00	
		195/50 R15	82V	2G	5.0	572	200	265	217	1751	6.0	5.50 - 7.00	
		195/50 R15	82V	SG	5.0	572	200	265	217	1751	6.0	5.50 - 7.00	
		205/50 R15	86V	3G	5.0	584	216	270	235	1781	6.5	5.50 - 7.50	
		205/50 R15	86V	SG	5.0	584	216	270	235	1781	6.5	5.50 - 7.50	
		205/50Z R15	86W	2G	5.0	584	216	270	235	1781	6.5	5.50 - 7.50	
		215/50Z R15	88W	2G	5.0	594	228	274	249	1812	7.0	6.00 - 7.50	
		225/50Z R15	91W	2G	5.0	603	230	277	251	1839	7.0	6.00 - 8.00	
		235/50Z R15	94W	2G	5.0	614	245	281	267	1872	7.5	6.50 - 8.50	
		45	225/45Z R15	87W	2G	5.0	579	227	268	248	1766	7.5	7.00 - 8.50

Dimensions Proxes R888

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	COMPOUND	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)	
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)				
16	55	205/55Z R16	90W	2G	5.0	628	213	290	232	1915	6.5	5.50 - 7.50	
		195/50 R16	84V	3G	5.0	599	203	278	221	1827	6.0	5.50 - 7.00	
		195/50Z R16	84W	2G	5.0	598	200	278	218	1824	6.0	5.50 - 7.00	
	50	195/50Z R16	84W	SG	5.0	598	200	278	218	1824	6.0	5.50 - 7.00	
		215/50Z R16	90W	2G	5.0	619	228	286	249	1888	7.0	6.00 - 7.50	
		225/50Z R16	92W	2G	5.0	628	235	290	256	1915	7.0	6.00 - 8.00	
		255/50Z R16	99W	2G	5.0	657	269	301	294	2003	8.0	7.00 - 9.00	
		45	225/45 R16	89V	3G	5.0	605	228	281	249	1845	7.5	7.00 - 8.50
			225/45Z R16	89W	2G	5.0	605	228	281	249	1845	7.5	7.00 - 8.50
	225/45Z R16		89W	SG	5.0	605	228	281	249	1845	7.5	7.00 - 8.50	
	17	45	245/45Z R16	94W	2G	5.0	621	248	287	270	1894	8.0	7.50 - 9.00
			215/45Z R17	91W XL	2G	5.0	624	216	291	235	1903	7.0	7.00 - 8.00
215/45Z R17			91W XL	SG	5.0	624	216	291	235	1903	7.0	7.00 - 8.00	
45		225/45Z R17	91V	3G	5.0	634	231	295	252	1934	7.5	7.00 - 8.50	
		225/45Z R17	94W XL	2G	5.0	634	231	295	252	1934	7.5	7.00 - 8.50	
		225/45Z R17	94W XL	SG	5.0	634	231	295	252	1934	7.5	7.00 - 8.50	
		235/45Z R17	93W	2G	5.0	643	242	298	264	1961	8.0	7.50 - 9.00	
		235/45Z R17	93W	SG	5.0	643	242	298	264	1961	8.0	7.50 - 9.00	
		235/45Z R17	93W	3G	5.0	643	242	298	264	1961	8.0	7.50 - 9.00	
40		205/40Z R17	84W XL	2G	5.0	598	212	281	231	1824	7.5	7.00 - 8.00	
		205/40Z R17	84W XL	SG	5.0	598	212	281	231	1824	7.5	7.00 - 8.00	
		235/40Z R17	90W	2G	5.0	624	245	291	267	1903	8.5	8.00 - 9.50	
	245/40Z R17	91W	2G	5.0	627	250	292	273	1912	8.5	8.00 - 9.50		
	255/40Z R17	94W	2G	5.0	638	265	296	289	1946	9.0	8.50 - 10.00		
	255/40Z R17	94W	SG	5.0	638	265	296	289	1946	9.0	8.50 - 10.00		
	255/40Z R17	94W	3G	5.0	638	265	296	289	1946	9.0	8.50 - 10.00		
	275/40Z R17	98W	2G	5.0	652	280	302	305	1988	9.5	9.00 - 11.00		
	35	315/35Z R17	102W	2G	5.0	650	320	301	349	1983	11.0	10.50 - 12.50	
18	40	225/40Z R18	92W XL	SG	5.0	638	224	299	244	1946	8.0	7.50 - 9.00	
		225/40Z R18	92Y XL	2G	5.0	638	224	299	244	1946	8.0	7.50 - 9.00	
		235/40Z R18	91Y	2G	5.0	648	244	303	266	1976	8.5	8.00 - 9.50	
	40	245/40Z R18	(93Y)	2G	5.0	653	250	305	273	1992	8.5	8.00 - 9.50	
		245/40Z R18	93Y	SG	5.0	653	250	305	273	1992	8.5	8.00 - 9.50	
		245/40Z R18	93Y	3G	5.0	653	250	305	273	1992	8.5	8.00 - 9.50	
	35	275/40Z R18	99W	2G	5.0	678	279	315	304	2067	9.5	9.00 - 11.00	
		255/35Z R18	94Y XL	2G	5.0	637	260	299	283	1943	9.0	8.50 - 10.00	
		265/35Z R18	97Y XL	2G	5.0	646	274	302	299	1970	9.5	9.00 - 10.50	
		275/35Z R18	99Y XL	2G	5.0	652	280	305	306	1988	9.5	9.00 - 11.00	
		30	285/30Z R18	97Y XL	2G	5.0	631	288	296	314	1925	10.0	9.50 - 10.50
			295/30Z R18	98Y XL	2G	5.0	637	299	299	326	1943	10.5	10.00 - 11.00
315/30Z R18	98Y		2G	5.0	648	318	303	347	1977	11.0	10.50 - 11.50		
19	35	335/30Z R18	102Y	2G	5.0	660	338	308	369	2014	12.0	11.50 - 12.50	
		235/35Z R19	87Y	2G	5.0	652	240	307	262	1989	8.5	8.00 - 9.50	
		265/30Z R19	93Y XL	2G	5.0	645	270	305	294	1968	9.5	9.00 - 10.00	
	30	295/30Z R19	100Y XL	2G	5.0	661	298	311	325	2017	10.5	10.00 - 11.00	
		305/30Z R19	102Y XL	2G	5.0	673	305	316	332	2053	11.0	10.50 - 11.50	
		285/35Z R20	(100Y)	2G	5.0	704	291	330	317	2147	10.0	9.50 - 11.00	
20	30	315/30Z R20	(101Y)	2G	5.0	700	318	329	2135	11.0	10.50 - 11.50		

All Toyo brand tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

PROXES R1R



From the track to the road, this extreme high performance tire offers performance at the highest level.

Proxes R1R is an uncompromising extreme performance tire of the highest quality, designed specifically for grip, handling and precision steering.

Speed indices V and W. 15-18 inch.

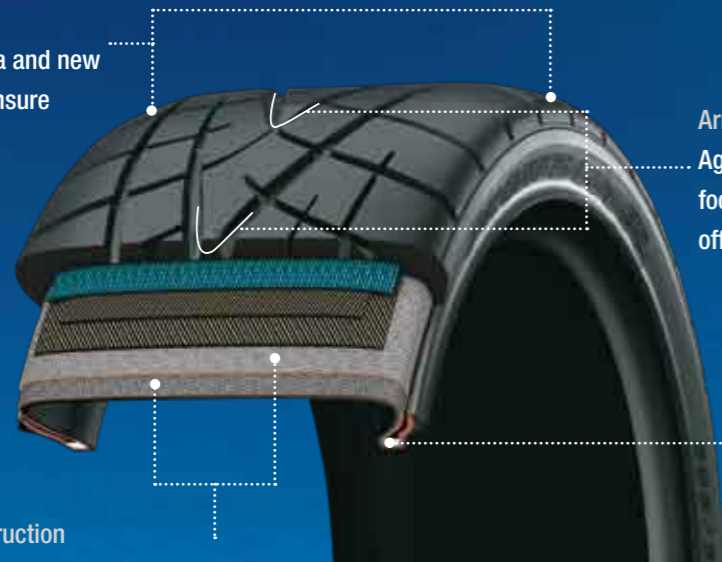
Compound Technology

Combining a high-grip rubber compound with a race-inspired construction places TOYO TIRES on top of this new category of Extreme Performance Road Tires.

Proxes R1R's advanced casing design provides excellent handling performance on challenging roads. On track experience helped develop a high-grip compound that still remains suitable for everyday road use. Our proprietary computer aided design software facilitated the creation of a tread pattern with excellent aquaplaning resistance and aggressive looks while still remaining quiet enough for road use.

Construction Technology

Wide Tread
The large contact area and new composite material ensure excellent adhesion.



Arrow-Shaped Grooves
Aggressive but quiet unidirectional footprint design with V-shaped grooves offer outstanding water evacuation.

High Steel Second Pass
(selected tire sizes)
The high steel second pass contributes to maximum adhesion, responsive steering, stability at high speeds and strength.

Virtually Radial Construction
Modern race-tested casing design offers excellent handling and superior adhesion.

Dimensions Proxes R1R

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	55	195/55 R15	85V	6.7	598	206	275	225	1822	6.0	5.50 - 7.00
	50	195/50 R15	82V	6.5	580	199	268	217	1769	6.0	5.50 - 7.00
		205/50 R15	86V	6.5	584	215	270	234	1781	6.5	5.50 - 7.50
	45	225/45ZR15	87W	6.4	583	225	269	245	1778	7.5	7.00 - 8.50
16	55	205/55 R16	91V	6.8	630	206	290	225	1920	6.5	5.50 - 7.50
	50	205/50 R16	87V	6.8	617	213	285	232	1880	6.5	5.50 - 7.50
		225/50 R16	92V	7.0	630	228	290	249	1922	7.0	6.00 - 8.00
	45	205/45ZR16	83W	6.5	590	206	275	225	1800	7.0	6.50 - 7.50
		225/45ZR16	89W	6.4	606	229	281	250	1848	7.5	7.00 - 8.50
17	45	215/45ZR17	87W	6.4	623	211	291	230	1900	7.0	7.00 - 8.00
		225/45ZR17	91W	6.4	634	225	295	245	1934	7.5	7.00 - 8.50
		235/45ZR17	94W	6.5	644	238	299	259	1964	8.0	7.50 - 9.00
	40	245/45ZR17	95W	6.5	660	246	305	268	2013	8.0	7.50 - 9.00
		235/40ZR17	90W	6.5	621	240	290	262	1894	8.5	8.00 - 9.50
		245/40ZR17	91W	6.5	628	250	293	272	1917	8.5	8.00 - 9.50
		255/40ZR17	94W	6.5	639	262	297	285	1950	9.0	8.50 - 10.00
		275/40ZR17	98W	6.5	650	276	301	300	1983	9.5	9.00 - 11.00
18	35	245/35ZR17	91W XL	6.4	605	246	283	268	1845	8.5	8.00 - 9.50
		225/40ZR18	88W	6.5	636	230	298	250	1939	8.0	7.50 - 9.00
	40	245/40ZR18	93W	6.5	659	245	307	267	2011	8.5	8.00 - 9.50
		255/35ZR18	90W	6.5	637	257	299	280	1943	9.0	8.50 - 10.00
		265/35ZR18	93W	6.5	646	269	302	293	1970	9.5	9.00 - 10.50

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PROXES T1 Sport



Responding to the demand for ultimate handling in both wet and dry conditions, Proxes T1 Sport is supremely stable, even at fast highway speeds.

Developed for European conditions and vehicles, the tire complements the handling of the most prestigious sports saloons and coupes.

Speed indices W, Y. 16–20 inch.



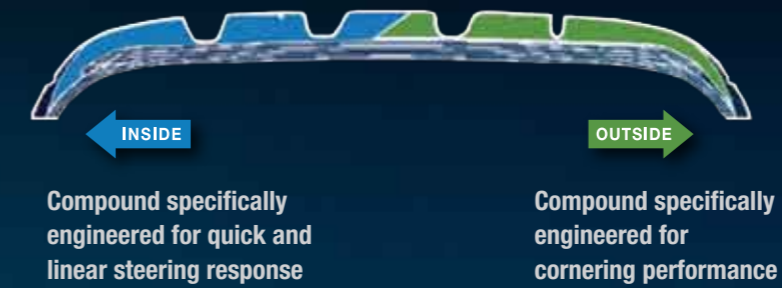
Construction Technology



Pattern Technology



Dual Compound Technology*



The two compounds meet the different demands of the inside and outside of the tire to give exceptional handling and braking performance.

The inside tread compound improves initial steering response.

The outside tread compound is designed to increase cornering performance, allowing higher g forces to be carried through turns.

*Not all sizes feature dual compound.

Tread Pattern Design

Depending on the width, different profiles have been developed. Sizes with 285 section width or greater are equipped with a wider central rib to improve cornering performance and traction.



≤ 275



≥ 285

Original Equipment for Audi Models

Proxes T1 Sport and derivatives are used on various High Performance Audi models as original equipment:

Audi S6 – Proxes T1 A0

Audi TT – Proxes T1 Sport A0

Audi TTS – Proxes T1 Sport A0

Audi TT RS – Proxes T1 Sport R01

Audi RS 5 – Proxes T1 A0



Dimensions Proxes T1 Sport

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	55	205/55ZR16	94W XL	8.3	629	215	290	234	1918	6.5	5.50 - 7.50
		215/55ZR16	97Y XL	7.6	636	230	293	251	1940	7.0	6.00 - 7.50
		225/55ZR16	99Y XL	8.0	650	236	298	257	1983	7.0	6.00 - 8.00
17	55	225/55ZR17	101Y XL	8.0	676	232	311	253	2062	7.0	6.00 - 8.00
		235/55ZR17	99Y	8.0	685	248	315	270	2089	7.5	6.50 - 8.50
	50	205/50ZR17	93Y XL	8.0	636	213	296	232	1940	6.5	5.50 - 7.50
		215/50ZR17	95W XL	8.3	648	228	300	249	1976	7.0	6.00 - 7.50
		225/50ZR17	98Y XL	8.0	656	234	303	255	2001	7.0	6.00 - 8.00
	45	235/50ZR17	96Y	8.0	665	247	307	269	2028	7.5	6.50 - 8.50
		215/45ZR17	91W XL	8.0	626	215	292	234	1909	7.0	7.00 - 8.00
		225/45ZR17	94Y XL	8.0	631	230	294	251	1925	7.5	7.00 - 8.50
	40	235/45ZR17	97Y XL	8.0	639	238	297	259	1949	8.0	7.50 - 9.00
		245/45ZR17	99Y XL	8.0	648	247	300	269	1976	8.0	7.50 - 9.00
		235/40ZR17	94Y XL	7.6	616	244	288	266	1878	8.5	8.00 - 9.50
		245/40ZR17	95Y XL	8.0	625	250	291	273	1906	8.5	8.00 - 9.50
255/40ZR17		98Y XL	8.0	633	260	294	283	1931	9.0	8.50 - 10.00	
265/40ZR17		96Y	8.0	639	273	297	298	1949	9.5	9.00 - 10.50	
18	50	235/50ZR18	101Y XL	8.0	690	247	319	269	2105	7.5	6.00 - 8.50
		215/45ZR18	93Y XL	8.0	647	217	303	237	1973	7.0	7.00 - 8.00
	45	225/45ZR18	(95Y) XL	8.0	657	228	307	249	2004	7.5	7.00 - 8.50
		235/45ZR18	(98Y) XL	8.0	665	237	310	258	2028	8.0	7.50 - 9.00
		245/45ZR18	(100Y) XL	8.0	675	245	313	267	2057	8.0	8.00 - 9.50
		255/45ZR18	103Y XL	8.0	684	258	317	281	2086	8.5	8.00 - 9.50
	40	215/40ZR18	89Y XL	8.0	629	217	296	237	1918	7.5	7.00 - 8.50
		225/40ZR18	92Y XL	7.6	636	230	298	251	1941	8.0	7.50 - 9.00
		235/40ZR18	(95Y) XL	7.6	641	243	300	265	1954	8.5	8.00 - 9.50
		245/40ZR18	(97Y) XL	7.0	652	246	305	268	1989	8.5	8.00 - 9.50
		255/40ZR18	(99Y) XL	8.0	658	260	307	283	2006	9.0	8.50 - 10.00
	35	225/35ZR18	87Y XL	8.0	612	229	289	249	1865	8.0	7.50 - 9.00
		245/35ZR18	92Y XL	8.0	626	244	294	266	1909	8.5	8.00 - 9.50
		255/35ZR18	94Y XL	8.0	632	257	297	280	1928	9.0	8.50 - 10.00
		265/35ZR18	(97Y) XL	8.0	643	269	301	293	1961	9.5	9.00 - 10.50
275/35ZR18		(95Y)	8.0	647	275	303	300	1973	9.5	9.00 - 11.00	
285/35ZR18		(101Y) XL	7.5	654	294	305	320	1995	10.0	9.50 - 11.00	
19	40	225/40ZR19	93Y XL	8.0	665	231	312	252	2028	8.0	7.50 - 9.00
		245/40ZR19	(98Y) XL	8.0	676	249	317	271	2062	8.5	8.00 - 9.50
		255/40ZR19	100Y XL	8.0	684	259	320	282	2086	9.0	8.50 - 10.00
	35	225/35ZR19	(88Y) XL	8.0	641	230	303	251	1955	8.0	7.50 - 9.00
		235/35ZR19	(91Y) XL	8.0	644	241	304	263	1964	8.5	8.00 - 9.50
		245/35ZR19	(93Y) XL	8.0	652	244	307	266	1955	8.5	8.00 - 9.50
		255/35ZR19	(96Y) XL	7.9	659	256	310	279	2010	9.0	8.50 - 10.00
		265/35ZR19	(98Y) XL	7.3	668	273	314	298	2037	9.5	9.0 - 10.50
		255/30ZR19	(91Y) XL	8.0	636	253	301	276	1940	9.0	8.50 - 9.50
30	265/30ZR19	(93Y) XL	8.0	640	268	303	292	1952	9.5	9.00 - 10.00	
	295/30ZR19	(100Y) XL	7.5	664	301	312	328	2025	10.5	10.00 - 11.00	
	255/30ZR20	(97Y) XL	8.0	685	256	323	279	2089	9.0	8.50 - 10.00	
20	30	255/30ZR20	(92Y) XL	8.0	660	254	313	277	2013	9.0	8.50 - 9.50
		265/30ZR20	(94Y) XL	8.0	667	266	316	290	2034	9.5	9.00 - 10.00

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➔ A sports-oriented ultra high performance tire with an open V-tread and Multi-Pitch block arrangement. Proxes T1R combines excellent handling with outstanding wet characteristics, low noise and increased mileage.

Superseded now in some sizes by Proxes T1 Sport, Proxes T1R remains a very high performing tire with characteristics to match the needs of sports drivers. Speed indices V, W and Y. 14–22 inch.

Construction Technology

Arrowed Shaped Channels
The aggressive design footprint unidirectional channels with V design offers unique water drainage

Wide High Tensile Steel Belts
Excellent handling. High speed endurance

High-Modulus Rayon(or Polyester) Casing
Precise steering response and excellent traction



Broad Footprint
The large quantity of rubber in contact with the ground ensure an excellent grip

Tread Pattern Features



Right shoulder rib

V-shaped centre grooves

Shoulder groove

➔ Unidirectional tread with V-shaped centre grooves
Outstanding performance in aquaplaning situations

Solid shoulder rib tread

Excellent dry handling and even wear, allowing low noise generation right up to the end of tire's useful life

Depth of shoulder groove 0.5 mm deeper

Longer life

Compound Technology

➔ New silica compound
Excellent wet and dry handling
Reduced heat build up

Extremely high-molecular polymer
Outstanding wear resistance

Highly dispersed silica
Outstanding wear resistance

Dimensions Proxes T1R

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)			
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)						
14	55	195/55 R14	82V	8.4	568	198	261	216	1732	6.0	5.50 - 7.00			
	45	195/45 R14	77V	8.2	532	195	247	213	1623	6.5	6.00 - 7.50			
	40	225/40 R14	82V	8.2	535	233	248	253	1632	8.0	7.50 - 9.00			
15	55	185/55 R15	82V	8.4	584	192	270	209	1781	6.0	5.00 - 6.50			
		195/55 R15	85V	8.4	593	203	273	221	1803	6.0	5.50 - 7.00			
		205/55 R15	88V	8.4	605	214	278	233	1845	6.5	5.50 - 7.50			
	50	195/50 R15	82V	8.2	576	198	267	216	1757	6.0	5.50 - 7.00			
		205/50 R15	89V XL	8.4	587	211	271	230	1790	6.5	5.50 - 7.50			
		225/50 R15	91V	8.4	604	230	277	251	1842	7.0	6.00 - 8.00			
	45	195/45 R15	78V	8.2	558	195	260	213	1702	6.5	6.00 - 7.50			
		205/45 R15	81V	8.4	565	207	262	226	1723	7.0	6.50 - 7.50			
		215/45 R15	84V	8.2	575	211	266	230	1754	7.0	7.00 - 8.00			
16	55	195/55 R16	91V XL	8.4	618	200	286	218	1885	6.0	5.50 - 7.00			
		205/55ZR16	91W	8.4	630	212	290	231	1922	6.5	5.50 - 7.50			
		245/55ZR16	100W	8.4	671	254	306	277	2047	7.5	7.00 - 8.50			
	50	185/50 R16	81V	8.4	590	191	275	208	1800	6.0	5.00 - 6.50			
		195/50 R16	84V	8.4	600	199	279	217	1830	6.0	5.50 - 7.00			
		205/50ZR16	87W	8.4	609	214	282	233	1857	6.5	5.50 - 7.50			
		225/50ZR16	92W	8.4	628	233	290	254	1915	7.0	6.00 - 8.00			
	235/50ZR16	95W	8.4	639	246	294	268	1949	1949	7.5	6.50 - 8.50			
		45	195/45 R16	80V	8.2	583	195	272	213	1778	6.5	6.00 - 7.50		
			205/45ZR16	87W XL	8.2	590	209	275	228	1800	7.0	6.50 - 7.50		
	225/45ZR16		93W XL	8.2	608	227	282	247	1854	7.5	7.00 - 8.50			
	245/45ZR16	94W	8.2	625	244	288	266	1906	1906	8.0	7.50 - 9.00			
		40	195/40 R16	80V XL	8.2	560	204	263	222	1708	7.0	6.50 - 7.50		
			215/40ZR16	86W XL	8.2	578	222	270	242	1763	7.5	7.00 - 8.50		
	225/40ZR16		85W	8.2	586	234	273	255	1787	8.0	7.50 - 9.00			
	35	245/35ZR16	86W	8.2	578	244	270	266	1763	1763	8.5	8.00 - 9.50		
			17	45	205/45ZR17	88W XL	8.2	616	208	288	227	1879	7.0	6.50 - 7.50
					215/45ZR17	91W XL	8.2	626	211	292	230	1909	7.0	7.00 - 8.00
225/45ZR17	94Y XL	8.2			633	222	294	242	1931	7.5	7.00 - 8.50			
235/45ZR17	97Y XL	8.2		644	238	299	259	1964	1964	8.0	7.50 - 9.00			
	40	205/40ZR17	84W XL	8.2	600	219	281	239	1830	7.5	7.00 - 8.00			
215/40ZR17		87W XL	8.2	604	222	283	242	1842	1842	7.5	7.00 - 8.50			
35	245/35ZR17	87W	8.2	604	245	283	267	1842	1842	8.5	8.00 - 9.50			
		18	50	235/50ZR18	101Y XL	8.4	689	243	319	265	2101	7.5	6.50 - 8.50	
40	225/40ZR18			92Y XL	8.2	637	231	299	252	1943	8.0	7.50 - 9.00		
	285/40ZR18		101Y	8.2	683	290	317	316	2083	2083	10.0	9.50 - 11.00		
35	205/35ZR18	81Y XL	8.2	601	212	285	231	1833	1833	7.5	7.00 - 8.00			
		215/35ZR18	84W XL	8.2	608	219	287	239	1854	1854	7.5	7.00 - 8.50		
		295/35ZR18	103Y XL	8.2	661	296	308	323	2016	2016	10.5	10.00 - 11.50		
30	235/30ZR18	85Y XL	8.2	599	235	284	256	1827	1827	8.5	8.5			

Dimensions Proxes T1R

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
19	45	245/45ZR19	102Y XL	8.2	705	238	328	259	2150	8.0	7.50 - 9.00
	40	275/40ZR19	101Y	8.2	701	274	327	298	2138	9.5	9.00 - 10.50
	35	285/35ZR19	99Y	8.2	682	285	319	311	2080	10.0	9.50 - 11.00
	25	315/25ZR19	98Y XL	8.2	640	324	303	353	1952	11.5	11.00 - 12.00
20	40	245/40ZR20	99Y XL	7.9	704	248	330	270	2147	8.5	8.00 - 9.50
		305/30ZR20	103Y XL	8.2	692	313	326	341	2111	11.0	10.50 - 11.50
	25	285/25ZR20	93Y XL	8.2	649	292	309	318	1979	10.5	10.5
		305/25ZR20	97Y XL	8.2	660	310	313	338	2013	11.0	10.50 - 11.50
		315/25ZR20	99Y XL	8.2	669	320	317	349	2040	11.5	11.00 - 12.00
		345/25ZR20	104Y XL	8.2	680	346	321	377	2074	12.5	12.00 - 13.00
21	30	255/30ZR21	93Y XL	8.2	688	260	327	283	2098	9.0	8.50 - 9.50
		285/30ZR21	100Y XL	8.2	707	284	334	310	2155	10.0	9.50 - 10.50
25	295/25ZR21	96Y XL	8.2	685	297	326	324	2089	2089	10.5	10.00 - 11.00
		22	30	255/30ZR22	95Y XL	8.2	713	254	340	277	2175
265/30ZR22	97Y XL			8.2	721	267	343	291	2199	9.5	9.00 - 10.00
25	285/25ZR22		95Y XL	8.2	701	290	335	316	2138	2138	10.5
		295/25ZR22	97Y XL	8.2	708	293	338	319	2159	2159	10.5

PROXES C1S



Proxes C1S is the new premium tire from TOYO TIRES designed for premium and luxury sedans.

Featuring high speed stability, coupled with a quiet and comfortable ride, Proxes C1S perfectly matches the characteristics of these powerful executive cars.

Proxes C1S also benefits from a low rolling resistance improving fuel economy and contributing to a clean environment.

Speed Indices V, W and Y. 15-20 inch.

Tread Pattern Features



Construction Technology



Wide Edge Ply
Reduction of high pitch road noise



Silica Compound
Good wet performance

Optimized Profile for
Lower Rolling Resistance
Low fuel consumption

Noise Protection Sheet
Road noise reduction

Dimensions Proxes C1S

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)	
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)				
15	65	215/65 R15	96V	8.2	661	216	300	235	2016	6.5	6.00 - 7.50	
	65	205/65 R16	95W	8.1	674	208	308	227	2056	6.0	5.50 - 7.50	
16	60	205/60 R16	92W	8.1	652	206	299	225	1989	6.0	5.50 - 7.50	
		215/60 R16	95W	8.2	663	220	303	240	2022	6.5	6.00 - 7.50	
		225/60 R16	98W	8.3	673	227	307	247	2053	6.5	6.00 - 8.00	
	55	235/60 R16	100W	8.4	689	242	313	264	2101	7.0	6.50 - 8.50	
		205/55 R16	94W XL	7.6	632	210	291	229	1928	6.5	5.50 - 7.50	
		215/55 R16	97Y XL	7.7	640	228	294	249	1964	7.0	6.00 - 7.50	
50	225/55 R16	99Y XL	7.7	651	233	299	254	1995	7.0	6.00 - 8.00		
	225/50 R16	96W XL	7.8	635	230	292	251	1937	7.0	6.00 - 8.00		
17	55	215/55 R17	98W XL	7.8	672	223	310	243	2050	7.0	6.00 - 7.50	
		225/55 R17	101W XL	7.8	681	232	313	253	2077	7.0	6.00 - 8.00	
	50	215/50 R17	95W XL	7.7	649	220	301	240	1979	7.0	6.00 - 7.50	
		225/50 R17	98Y XL	7.7	660	229	305	250	2016	7.0	6.00 - 8.00	
	45	235/50 R17	100W XL	7.9	670	243	309	265	2044	7.5	6.50 - 8.50	
		215/45 R17	91W XL	7.9	630	210	293	229	1922	7.0	7.00 - 8.00	
		225/45 R17	94Y XL	7.7	631	221	294	241	1940	7.5	7.00 - 8.50	
		235/45 R17	97Y XL	7.7	642	239	298	261	1973	8.0	7.50 - 9.00	
		245/45 R17	99Y XL	7.7	650	244	301	266	1989	8.0	7.50 - 9.00	
		235/50 R18	101Y XL	7.7	695	241	321	263	2117	7.5	6.50 - 8.50	
18	45	215/45 R18	93W XL	7.8	655	211	306	230	1998	7.0	7.00 - 8.00	
		225/45 R18	95Y XL	7.7	660	221	308	241	2013	7.5	7.00 - 8.50	
		245/45 R18	100Y XL	7.7	675	241	314	263	2065	8.0	7.50 - 9.00	
		255/45 R18	103Y XL	7.7	683	254	317	277	2083	8.5	8.00 - 9.50	
	40	225/40 R18	92Y XL	7.8	637	228	299	249	1955	8.0	7.50 - 9.00	
		235/40 R18	95Y XL	7.7	645	242	302	264	1976	8.5	8.00 - 9.50	
	35	255/35 R18	94W XL	8.2	635	253	298	276	1937	9.0	8.50 - 10.00	
		265/35 R18	97W XL	8.3	643	265	301	289	1961	9.5	9.00 - 10.50	
	19	45	245/45 R19	102W XL	8.1	705	241	328	263	2150	8.0	7.50 - 9.00
			225/40 R19	93W XL	7.9	664	229	312	250	2025	8.0	7.50 - 9.00
40		245/40 R19	98W XL	8.1	682	245	319	267	2080	8.0	7.50 - 9.00	
		245/35 R19	93W XL	8.1	656	242	309	264	2001	8.5	8.00 - 9.50	
30		275/30 R19	96W XL	8.1	651	271	307	295	1986	9.5	9.00 - 10.00	
20	40	245/40 R20	99W XL	8.1	708	244	332	266	2159	8.5	8.00 - 9.50	
	35	245/35 R20	95W XL	8.1	681	242	321	264	2077	8.5	8.00 - 9.50	
	30	275/30 R20	97W XL	8.1	676	271	320	295	2062	9.5	9.00 - 10.00	



PROXES CT01



Proxes CT01 was developed to meet the demand for quiet performance on luxury vehicles.

Superseded in some sizes now by Proxes C1S, Proxes CT01 remains a supremely quiet high performance tire. Speed Indices V and W. 15-18inch.

Construction Technology

Fuel-efficient Tread Compound
Reduce rolling resistance
Better wet braking

Fuel-efficient Base Compound
Reduce rolling resistance

Noise Protection Sheet
Road noise reduction

Fuel-efficient Sidewall
Reduce rolling resistance



Tread Pattern Features

Silent Wall
Special serration on the rib wall disturbs air flow and suppresses high-pitched whine noises

Closed Shoulder Slit
Reduction of air pumping noise and prevention of "Heel & Toe" wear resulting in quiet ride throughout the tire life



Rib Type Design

Rib type design reduces drumming noise

Dimensions Proxes CT01

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	65	195/65 R15	91V	8.0	635	201	290	219	1937	6.0	5.50 - 7.00
		205/65 R15	94V	8.1	647	209	294	228	1973	6.0	5.50 - 7.50
17	40	215/40 R17	87W XL	7.8	604	218	283	238	1842	7.5	7.00 - 8.50
		235/40 R17	94W XL	8.0	620	241	289	263	1891	8.5	8.00 - 9.50
		245/40 R17	95W XL	8.1	628	248	292	270	1915	8.5	8.00 - 9.50
		255/40 R17	98W XL	8.2	636	260	296	283	1940	9.0	8.50 - 10.00
18	35	275/35 R18	99W XL	8.4	649	278	303	303	1979	9.5	9.00 - 11.00

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Proxes 4 is a high performance tire with an aggressive sports tread pattern and attractive sidewall design. High driving stability due to massive central rib, good water evacuation through W-shaped tread grooves. Multi-wave sipes ensure even water clearance and reduced saw-tooth wear.

Speed indices V, W and Y. 15-20 inch.

Tread Pattern Features

W-Shaped Tread Pattern
Good water drainage capacity

Arrangement of the Shoulder Blocks in Pairs
Excellent adhesion when cornering

Shoulder Multi-Wave Sipes
More even wear

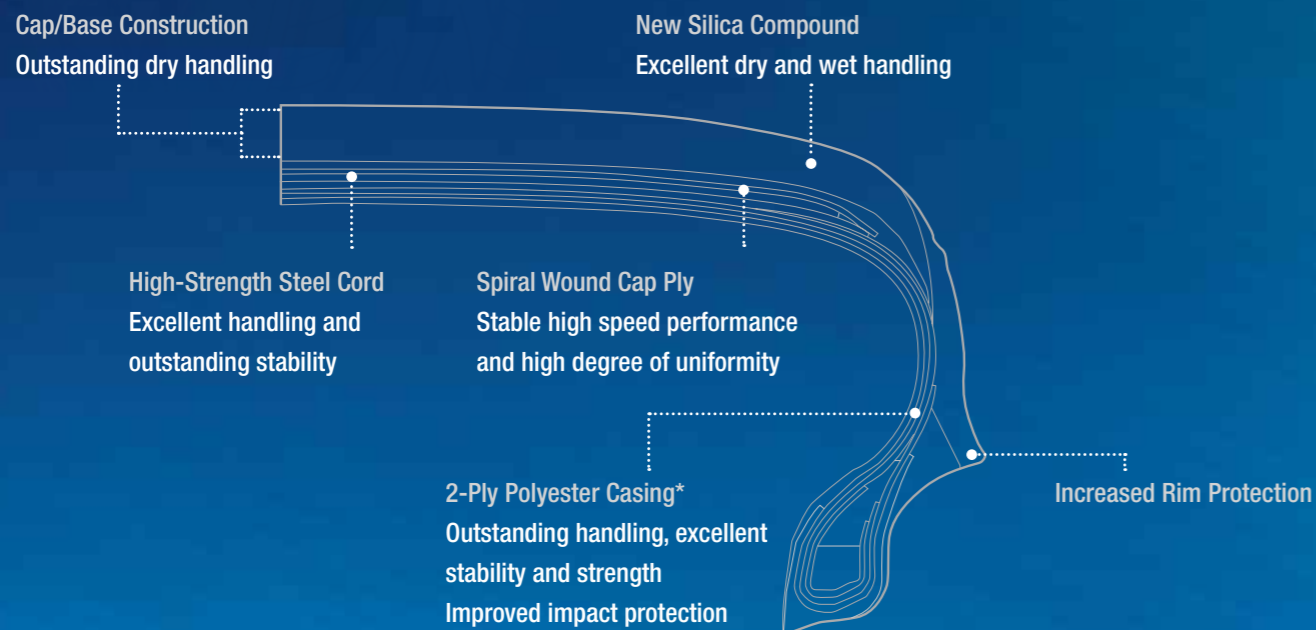
Five Variable Pitch Tread Blocks
Less noise

Curved Central Rib
Superior driving stability

Optimum Tread Design
Larger Pattern Block and Decreased Sipes
Improved dry handling and braking

High angle grooves
Superior wet braking and aquaplaning resistance

Construction Technology



*some sizes: one polyester layer

Dimensions Proxes 4

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	55	185/55 R15	82V	6.2	584	191	270	208	1781	6.0	5.00 - 6.50
		195/55 R15	85V	6.3	592	197	273	215	1805	6.0	5.50 - 7.00
		205/55 R15	88V	6.4	608	211	279	230	1854	6.5	5.50 - 7.50
	50	195/50 R15	86V XL	7.6	579	196	268	214	1766	6.0	5.50 - 7.00
		205/50 R15	86V	6.4	586	212	270	231	1787	6.5	5.50 - 7.50
		195/45 R15	78V	7.6	557	194	259	211	1699	6.5	6.00 - 7.50
16	55	205/55 R16	91V	6.4	634	214	292	233	1934	6.5	5.50 - 7.50
		195/45 R16	84V XL	7.6	583	194	272	211	1778	6.5	6.00 - 7.50
	40	195/40 R16	80V XL	7.6	563	204	264	222	1717	7.0	6.50 - 7.50
		205/40 R16	83W XL	7.7	571	218	267	238	1742	7.5	7.00 - 8.00
		215/40 R16	86W XL	7.8	576	222	269	242	1757	7.5	7.00 - 8.50
	17	45	195/45 R17	85W XL	7.6	608	194	285	211	1854	6.5
205/45 R17			88W XL	7.7	619	211	289	230	1888	7.0	6.50 - 7.50
215/45 R17			91W XL	7.8	629	214	293	233	1918	7.0	7.00 - 8.00
40		225/45 R17	94W XL	7.9	637	226	296	246	1943	7.5	7.00 - 8.50
		195/40 R17	81W XL	7.6	587	203	276	221	1790	7.0	6.50 - 7.50
		205/40 R17	84W XL	7.7	598	218	281	238	1824	7.5	7.00 - 8.00
18	45	215/40 R17	87W XL	7.8	607	225	284	245	1851	7.5	7.00 - 8.50
		225/45 R18	95W XL	7.9	658	222	307	242	2007	7.5	7.00 - 8.50
		205/40 R18	86W XL	7.7	623	218	293	238	1900	7.5	7.00 - 8.00
	40	215/40 R18	89W XL	7.8	629	221	296	241	1918	7.5	7.00 - 8.50
		225/40 R18	92W XL	7.9	638	230	299	251	1946	8.0	7.50 - 9.00
		215/35 R18	84W XL	7.8	610	218	288	238	1861	7.5	7.00 - 8.50
19	35	215/35 R19	85W XL	7.8	632	218	300	238	1928	7.5	7.00 - 8.50
		235/35 R19	91Y XL	8.0	647	238	305	259	1979	7.0	6.00 - 7.50
20	35	225/35 R20	90W XL	7.9	671	228	318	249	2047	8.0	7.50 - 9.00

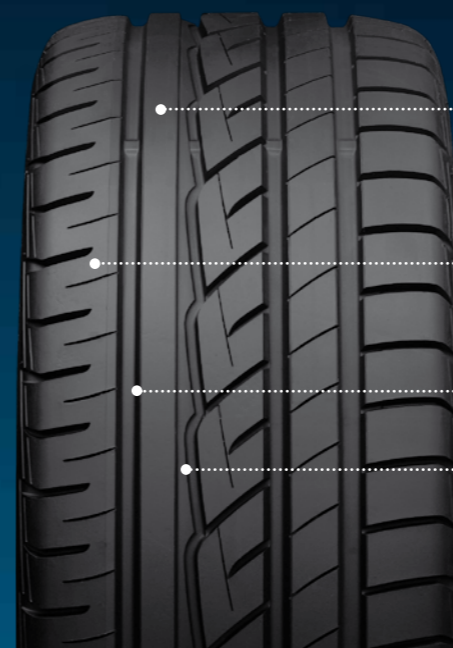
All Toyo brand tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

PROXES CF1



A comfort tire with open asymmetric tread pattern and multi-wave sipes for optimum braking performance in the wet and great dry handling. Proxes CF1 offers quieter driving through silent wall technology and a high mileage due to reduced articulation of tread blocks. Speed indices H, V, W and Y. 13-18 inch.

Tread Pattern Features



- Handling

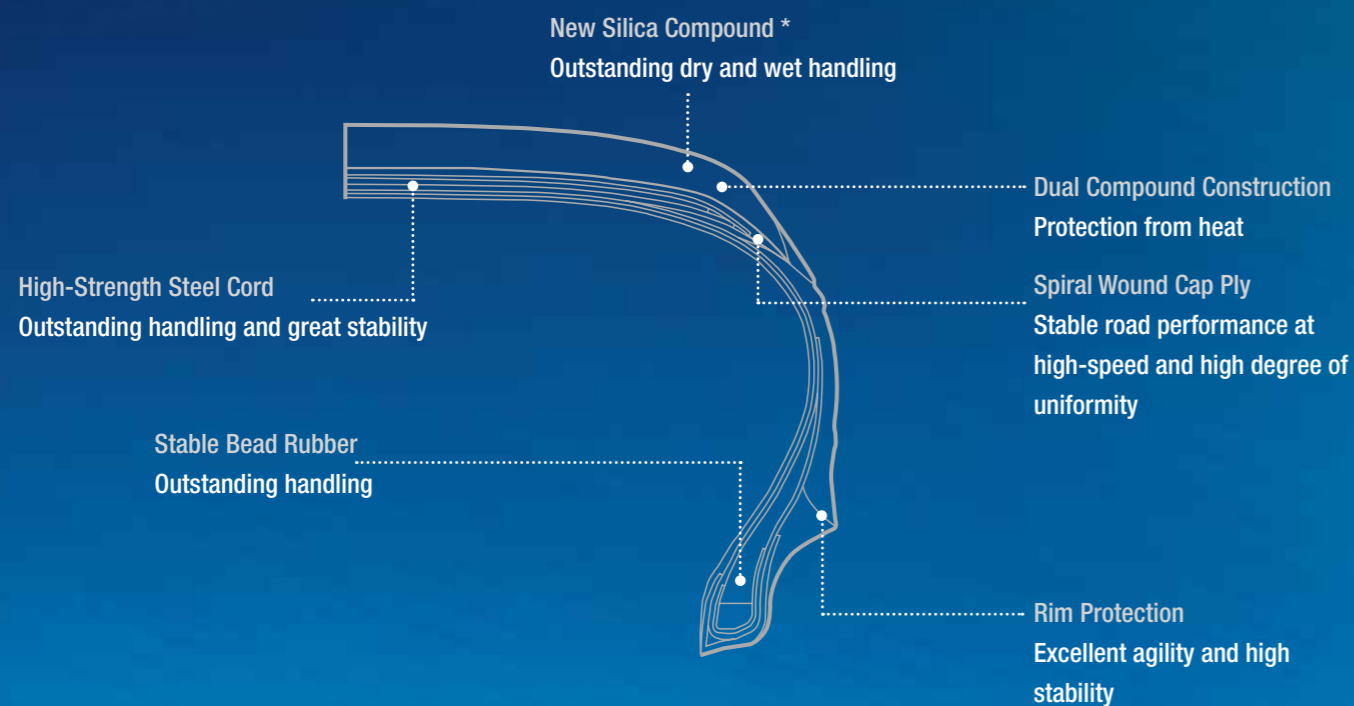
Stable outer shoulder for optimal handling dry conditions and braking characteristics
- Comfort

Enclosed shoulder block for even wear and reduced noise
- Safety

Excellent aquaplaning resistance through wide circumferential grooves

Groove in Groove System: Outstanding water dispersal and higher mileage

Construction Technology



Four wide, straight grooves with groove-in-groove technology: this structure allows the Proxes CF1 to offer excellent water evacuation and outstanding road stability.

Large central block: the large block allows supreme dry and wet handling in all driving conditions.

Stiff outer rib with closed slit: this pattern arrangement prevents irregular wear and contributes to the excellent dry handling.

*Not all sizes use the new silica compound.

Dimensions Proxes CF1

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
13	60	175/60 R13	77H	7.6	541	173	247	189	1650	5.0	5.00 - 6.00
		185/60 R13	80H	7.7	552	186	252	203	1684	5.5	5.00 - 6.50
14	65	175/65 R14	82H	7.7	584	176	267	192	1781	5.0	5.00 - 6.00
		185/65 R14	86H	7.8	595	187	271	204	1815	5.5	5.00 - 6.50
		185/65 R14	86V	7.8	595	187	271	204	1815	5.5	5.00 - 6.50
		195/65 R14	89H	7.9	609	196	277	214	1857	6.0	5.50 - 7.00
		195/65 R14	89V	7.9	609	196	277	214	1857	6.0	5.50 - 7.00
		165/60 R14	75H	7.7	554	166	255	181	1690	5.0	4.50 - 6.00
	60	175/60 R14	79H	7.6	566	173	260	189	1726	5.0	5.00 - 6.00
		185/60 R14	82H	7.7	578	186	265	203	1763	5.5	5.00 - 6.50
		185/60 R14	82V	7.7	578	186	265	203	1763	5.5	5.00 - 6.50
		195/60 R14	86H	7.8	591	195	270	213	1803	6.0	5.50 - 7.00
195/60 R14		86V	7.8	591	195	270	213	1803	6.0	5.50 - 7.00	
55	185/55 R14	80H	8.0	560	188	257	205	1707	6.0	5.00 - 6.50	
50	185/50 R14	77H	8.0	546	185	252	202	1665	6.0	5.00 - 6.50	
15	65	175/65 R15	84H	7.7	609	175	279	191	1857	5.0	5.00 - 6.00
		185/65 R15	88H	7.8	620	184	284	201	1891	5.5	5.00 - 6.50
		185/65 R15	88V	7.8	620	184	284	201	1891	5.5	5.00 - 6.50
		195/65 R15	91H	7.9	635	196	290	214	1937	6.0	5.50 - 7.00
		195/65 R15	95H XL	7.9	635	196	290	214	1937	6.0	5.50 - 7.00
		195/65 R15	91V	7.9	635	196	290	214	1937	6.0	5.50 - 7.00
		205/65 R15	95H	8.0	647	204	294	222	1973	6.0	5.50 - 7.50
		205/65 R15	95V	8.0	647	204	294	222	1973	6.0	5.50 - 7.50
	205/65 R15	99H XL	8.0	647	204	294	222	1973	6.0	5.50 - 7.50	
	60	175/60 R15	81V	7.6	591	173	272	189	1803	5.0	5.00 - 6.00
185/60 R15		88H XL	7.7	604	186	277	203	1842	5.5	5.00 - 6.50	
195/60 R15		88H	7.8	616	195	282	213	1879	6.0	5.50 - 7.00	
195/60 R15		88V	7.8	616	195	282	213	1879	6.0	5.50 - 7.00	
205/60 R15		95H XL	7.9	626	203	286	221	1909	6.0	5.50 - 7.50	
205/60 R15		91V	7.9	626	208	286	227	1909	6.0	5.50 - 7.50	
215/60 R15		98V XL	8.0	640	218	292	238	1952	6.5	6.00 - 7.50	
225/60ZR15		96W	8.1	650	225	295	245	1983	6.5	6.00 - 8.00	
50		195/50 R15	82H	8.1	578	197	267	215	1763	6.0	5.50 - 7.00
		205/50 R15	86H	8.2	586	210	270	229	1787	6.5	5.50 - 7.50

Dimensions Proxes CF1

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	65	215/65 R16	98W	8.1	686	220	312	240	2092	6.5	6.00 - 7.50
		185/60 R16	86V	7.7	629	185	290	202	1918	5.5	5.00 - 6.50
		205/60 R16	92H	7.9	652	206	299	225	1989	6.0	5.50 - 7.50
		205/60 R16	96V XL	7.9	652	206	299	225	1989	6.0	5.50 - 7.50
		215/60 R16	99H XL	8.0	665	218	304	238	2029	6.5	6.00 - 7.50
		225/60 R16	98W	8.1	676	226	308	246	2062	6.5	6.00 - 8.00
		235/60 R16	104H XL	8.2	688	239	313	261	2098	7.0	6.50 - 8.50
		235/60 R16	100W	8.2	688	239	313	261	2098	7.0	6.50 - 8.50
	55	205/55 R16	91H	8.2	630	207	290	225	1922	6.5	5.50 - 7.50
		205/55 R16	94H XL	8.2	630	207	290	226	1922	6.5	5.50 - 7.50
		205/55 R16	91V	8.2	630	207	290	226	1922	6.5	5.50 - 7.50
		205/55 R16	94V XL	8.2	630	207	290	226	1922	6.5	5.50 - 7.50
		215/55 R16	93V	8.3	642	223	295	243	1958	7.0	6.00 - 7.50
		215/55 R16	97V XL	8.3	644	223	296	243	1964	7.0	6.00 - 7.50
		225/55 R16	96V	8.4	650	230	298	251	1983	7.0	6.00 - 8.00
		225/55 R16	99V XL	8.4	651	227	299	248	1985	7.0	6.00 - 8.00
	50	195/50 R16	88V XL	8.1	602	201	279	219	1836	6.0	5.50 - 7.00
		205/50 R16	87V	8.2	611	210	283	229	1864	6.5	5.50 - 7.50
225/50 R16		92W	8.4	631	233	291	254	1925	7.0	6.00 - 8.00	
205/55 R17		91V	8.2	658	203	304	221	2007	6.5	5.50 - 7.50	
55	215/55ZR17	98W XL	8.4	670	220	309	240	2044	7.0	6.00 - 7.50	
	225/55 R17	101W XL	8.4	681	228	313	249	2077	7.0	6.00 - 8.00	
	235/55 R17	103W XL	8.5	690	238	317	259	2105	7.5	6.50 - 8.50	
	205/50 R17	93W XL	8.2	645	210	299	229	1967	6.5	5.50 - 7.50	
	225/50 R17	94W	8.4	660	229	305	250	2013	7.0	6.00 - 8.00	
	215/45 R17	87W	8.2	625	212	291	231	1906	7.0	7.00 - 8.00	
45	225/45 R17	94W XL	8.2	634	222	295	242	1934	7.5	7.00 - 8.50	
	235/45 R17	94W	8.2	643	239	298	261	1961	8.0	7.50 - 9.00	
	245/40 R17	91W	8.2	627	247	292	269	1912	8.5	8.00 - 9.50	
40	245/40 R17	91W	8.2	627	247	292	269	1912	8.5	8.00 - 9.50	
18	60	225/60 R18	100W	8.1	729	226	335	246	2223	6.5	6.00 - 8.00

Dimensions Proxes CF1 SUV

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	60	225/65 R17	102H	8.2	726	226	331	246	2214	6.5	6.00 - 8.00
		215/60 R17	96H	8.0	690	217	317	237	2105	6.5	6.00 - 7.50
		235/60 R17	102H	8.2	715	238	326	260	2182	7.0	6.50 - 8.50
55	235/55 R17	99H	8.5	689	241	316	263	2100	7.5	6.50 - 8.50	
18	55	225/55 R18	98V	8.4	707	228	326	248	2155	7.0	6.00 - 8.00



Proxes Ne is a new concept tire for Eco Cars. The fuel efficient compound used in Proxes Ne provides excellent wet performance and low noise.

Proxes Ne is the first tire to incorporate recycled polyester casing cords reducing whole life energy consumption of the tire further.

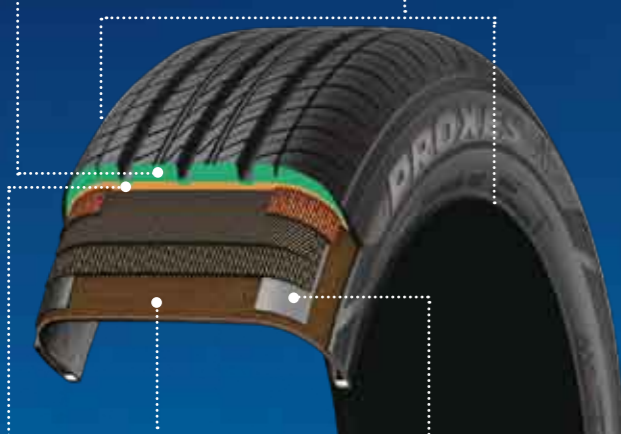
Tread Pattern Features



Construction Technology

Fuel Efficient Tread Compound
Reduced fuel consumption

Optimized Profile for Fuel Efficiency
Low rolling resistance
Better wet braking performance



Casing: Recycled Polyester Cord
Resource saving
First use in tire industry

Fuel Efficient Base Rubber Compound
Reduced fuel consumption

Noise Protection Sheet
Decreased road noise



65-60 series dimensions



55-45 series dimensions



Depending on the profile, different tread pattern designs have been developed. Sizes which have an aspect ratio 55 series or lower feature an additional central rib and dimple groove to improve ride comfort. Please see examples on page 44.

Dimensions Proxes Ne

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
14	65	175/65 R14	82T	7.6	587	170	268	185	1789	5.0	5.00 - 6.00
	60	185/60 R14	82H	7.6	580	184	265	200	1769	5.5	5.00 - 6.50
15	65	145/65 R15	72T	6.9	568	145	263	158	1731	4.5	4.00 - 5.00
		175/65 R15	84H	7.5	612	172	281	187	1867	5.0	5.00 - 6.00
		185/65 R15	88H	7.6	620	187	284	204	1891	5.5	5.00 - 6.50
	195/65 R15	91H	7.7	637	196	290	214	1943	6.0	5.50 - 7.00	
	60	155/60 R15	74T	7.2	570	156	264	170	1738	4.5	4.50 - 5.50
185/60 R15		88H XL	7.6	602	185	277	202	1836	5.5	5.00 - 6.50	
195/60 R15		88H	7.7	618	194	283	211	1883	6.0	5.50 - 7.00	
15	55	175/55 R15	77T	7.5	574	181	266	197	1749	5.5	5.00 - 6.00
	50	195/50 R15	82T	7.7	577	198	267	216	1760	6.0	5.50 - 7.00
		195/55 R16	87V	7.7	619	199	286	217	1760	6.0	5.50 - 7.00
16	55	205/55 R16	94V XL	7.8	634	210	292	229	1934	6.5	5.50 - 7.50
17	45	215/45 R17	87W	8.0	625	214	291	233	1905	7.0	7.00 - 8.00
18	45	225/45 R18	91W	8.1	662	222	308	242	2018	7.5	7.00 - 8.50

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TOYO DRB



TOYO DRB is a new Ultra High Performance tire for the 'Balanced Performance' segment in the Ultra High Performance tire market.

TOYO DRB fits between the new Proxes T1 Sport and the new Proxes C1S offering a balance of comfort and sports performance. The size range complements Proxes T1 Sport, allowing drivers of smaller, less focused vehicles to experience TOYO TIRES Ultra High Performance.

Tread Pattern Features



Designed to offer 'Total Balance', TOYO DRB gives drivers outstanding handling and ride comfort.

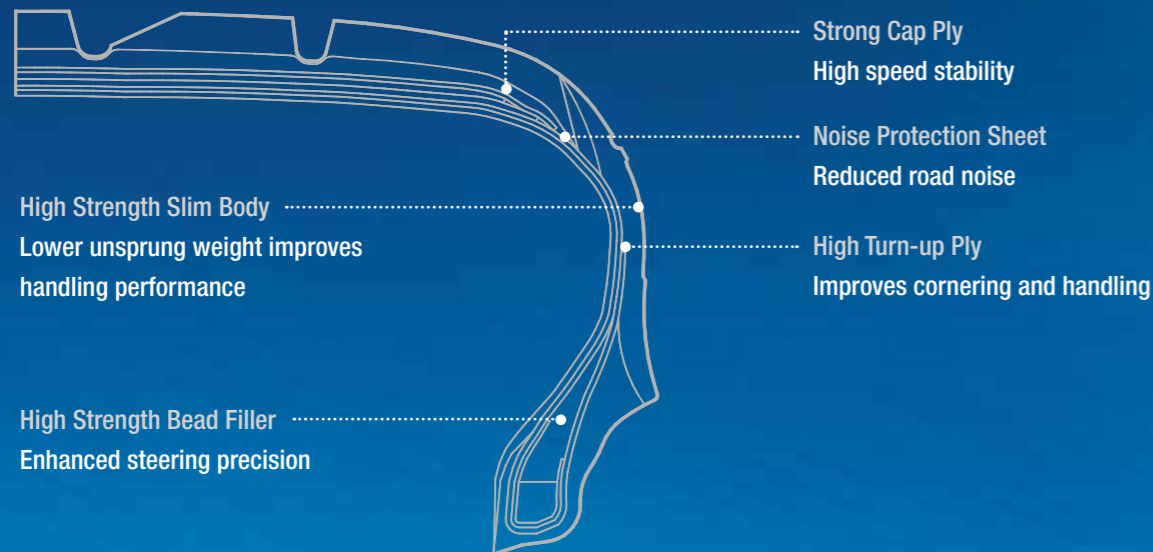
Quick response to steering inputs

Quiet, comfortable ride

Excellent wet and dry handling and braking

Directional pattern with stylish sidewall design

Construction Technology



Dimensions Toyo DRB

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	55	185/55 R15	82V	7.3	583	190	269	207	1778	6.0	5.00 - 6.50
		195/55 R15	85V	7.4	593	196	273	214	1809	6.0	5.50 - 7.00
	50	195/50 R15	82V	7.4	575	196	266	214	1754	6.0	5.50 - 7.00
		205/50 R15	86V	7.5	586	210	270	229	1787	6.5	5.50 - 7.50
16	55	185/55 R16	83V	7.3	607	189	281	206	1851	6.0	5.00 - 6.50
		205/55 R16	91V	7.5	627	211	289	230	1912	6.5	5.50 - 7.50
	50	195/50 R16	84V	7.4	600	196	279	214	1830	6.0	5.50 - 7.00
		205/50 R16	87V	7.5	609	209	282	228	1857	6.5	5.50 - 7.50
	45	195/45 R16	80W	7.4	580	191	271	208	1769	6.5	6.00 - 7.50
17	50	205/50 R17	89V	7.5	637	209	296	228	1943	6.5	5.50 - 7.50
		215/45 R17	87W	7.6	626	208	292	227	1906	7.0	7.00 - 8.00
	45	225/45 R17	91W	7.7	631	220	294	240	1931	7.5	7.00 - 8.50
		205/40 R17	80W	7.5	598	214	281	233	1824	7.5	7.00 - 8.00
	40	215/40 R17	83W	7.6	602	216	282	235	1836	7.5	7.00 - 8.50
18	40	255/40 R17	94W	8.0	633	258	294	281	1931	9.0	8.50 - 10.00
		225/40 R18	88W	7.7	635	228	298	249	1937	8.0	7.50 - 9.00
	35	215/35 R18	84W XL	7.6	608	216	287	235	1854	7.5	7.00 - 8.50

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This new generation comfort tire combines functionality and high mileage. TOYO TEOPlus is a comfort-oriented tire with a functional tread design. TOYO TEOPlus is designed for quiet running, high mileage and excellent wet braking. Speed Indices H and V. 13-16 inch.

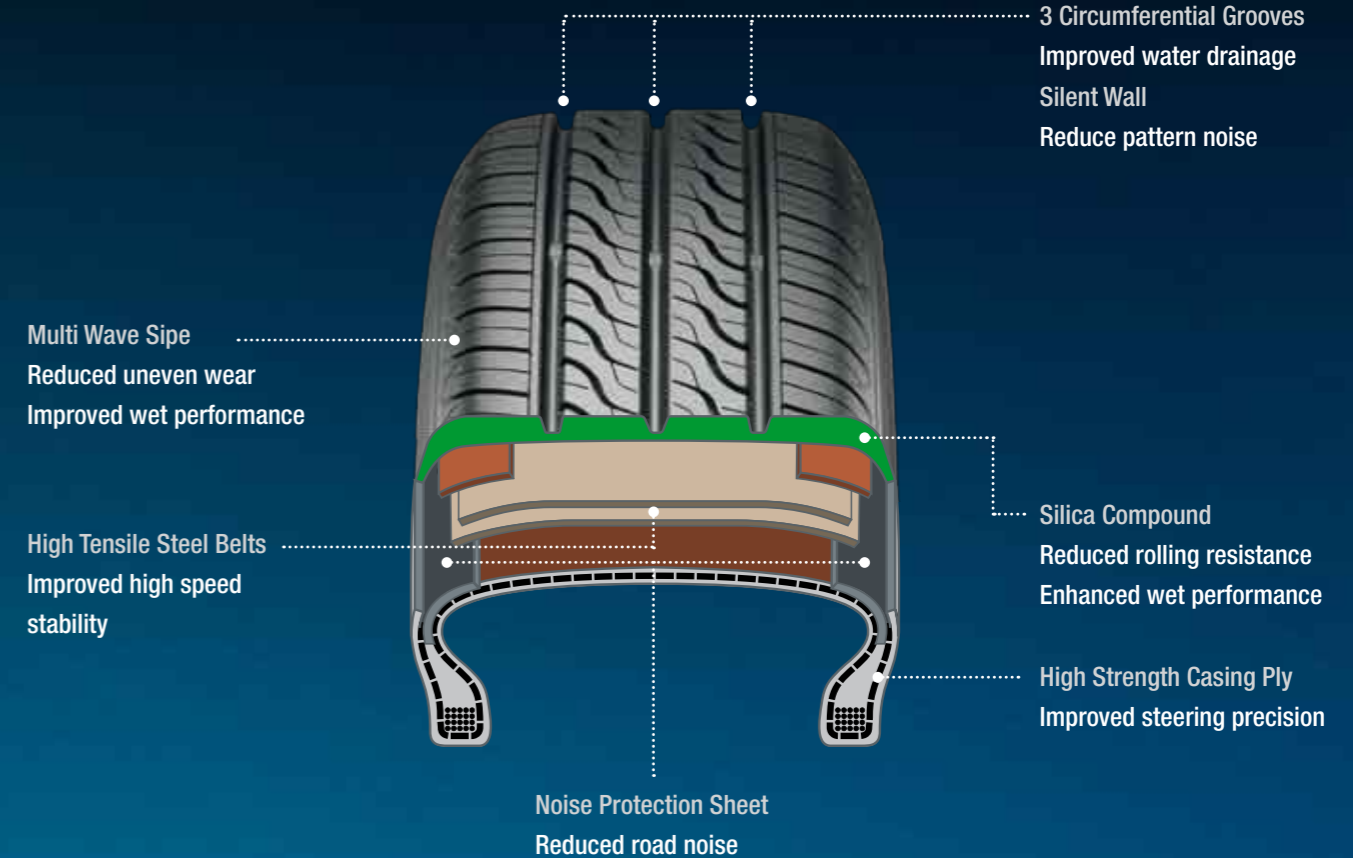
Tread Pattern Features



Closed Shoulder Slits
Reduced tread pattern noise
Reduced uneven wear

- Quiet Running**
Special tread design and tire construction, incl. "silent wall" and "noise protection sheet" to minimise noise. Closed shoulder tread reduces drainage noise.
- Even Wear**
"Multi-wave sipes" prevent uneven wear. Closed shoulder tread prevents saw-tooth wear through increased block strength.
- Low Rolling Resistance**
The silica compound reduces the rolling resistance.
- Excellent Wet Braking**
"Multi-wave sipes" increase block strength whilst the silica compound improves wet adhesion.
- Improved Dry Performance**
"Multi-wave sipes" and rib type design improve handling and dry braking

Construction Technology



Dimensions Toyo TEO+

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
13	70	165/70 R13	79H	7.6	558	167	254	182	1702	5	4.00 - 5.50
		175/70 R13	82H	7.8	573	174	260	190	1748	5	4.50 - 6.00
		185/70 R13	86H	7.9	586	185	265	202	1787	5.5	4.50 - 6.00
14	70	175/70 R14	84H	7.8	599	174	273	190	1827	5	4.50 - 6.00
		185/70 R14	88H	7.9	612	185	278	202	1867	5.5	4.50 - 6.00
		195/70 R14	91H	8.0	627	196	284	214	1912	6	5.00 - 6.50
		205/70 R14	95H	8.1	641	204	289	222	1955	6	5.00 - 7.00
	60	185/60 R14	82H	7.8	576	186	264	203	1757	5.5	5.00 - 6.50
55	165/55 R14	72V	7.8	537	165	249	180	1638	5	4.50 - 6.00	
16	60	175/60 R16	82H	7.7	614	174	284	190	1873	5.0	5.00 - 6.00
		195/60 R16	89H	7.9	636	200	293	218	1941	6.0	5.50 - 7.00
	55	205/55 R16	91V	8.1	631	208	291	227	1925	6.5	5.50 - 7.50
		215/55 R16	93V	8.2	642	222	295	242	1958	7	6.00 - 7.50
		225/55 R16	95V	8.3	654	233	300	254	1995	7	6.00 - 8.00

Dimensions Toyo R610

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
13	55	185/55 R13	77H	7.6	532	190	244	207	1623	6.0	5.00 - 6.50
	60	205/60 R13	86H	7.9	576	207	261	219	1757	6.0	5.50 - 7.50
15	65	215/65 R15	96H	8.1	660	217	299	230	2013	6.5	6.00 - 7.50

Toyo R610



Some dimensions available as Toyo R610.

All Toyo brand tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

TOYO 350



TOYO 350 is a comfortable tire with open, circumferential grooves and multi-wave sipes for optimum braking in the wet and great dry handling. Also features noise reduction through silent wall technology and high mileage due to reduced articulation of tread blocks.

Speed Indices R, S and T. 12-15 inch.

Tread Pattern Features



Silent Wall Technology
Low noise

Circumferential Sipes
Prevention of uneven wear
& superior handling

Multi-Wave Sipes
Outstanding water evacuation

Wide Straight Grooves
Outstanding water evacuation

Construction Technology

New Tread Area Material for Low Rolling Resistance
Long life and low fuel consumption

High-Strength Steel Cord
Outstanding handling and great stability

High Strength Polyester Casing
Outstanding handling

Solid Bead Filler
Precision handling

Some dimensions available
as Toyo 330 or Toyo 310.



Toyo 310



Toyo 330

Dimensions Toyo 350

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
13	80	175 R13	86T	310	8.2	608	175	274	197	1822	5.0	4.50 - 6.00
		135/80 R13	70T	330	6.7	544	131	248	144	1659	3.5	3.50 - 4.50
		145/80 R13	75T	350	7.2	560	141	255	154	1708	4.0	3.50 - 5.00
		155/80 R13	79T	350	7.5	577	155	261	169	1760	4.5	4.00 - 5.00
		165/80 R13	83T	350	7.7	593	163	268	178	1809	4.5	4.00 - 5.50
		165/80 R13	87R XL	350	7.7	593	163	231	178	1809	4.5	4.00 - 5.50
	70	145/70 R13	71T	330	7.2	533	146	244	156	1627	4.5	3.50 - 5.00
		155/70 R13	75T	350	7.3	546	153	249	167	1665	4.5	4.00 - 5.00
		165/70 R13	79T	350	7.5	560	165	255	180	1708	5.0	4.00 - 5.50
		175/70 R13	82T	350	7.6	575	172	261	187	1754	5.0	4.50 - 6.00
	65	185/70 R13	86T	350	7.7	590	185	266	202	1800	5.5	4.50 - 6.00
		155/65 R13	73T	350	7.3	531	151	243	165	1620	4.5	4.50 - 5.50
165/65 R13		77T	350	7.5	542	165	248	180	1653	5.0	4.50 - 6.00	
14	80	175/65 R13	80T	350	7.6	555	173	253	189	1693	5.0	5.00 - 6.00
		155 R14	80S	310	8.0	605	156	275	175	1847	4.5	4.00 - 5.00
		165/80 R14	85T	330	7.7	619	162	281	178	1885	4.5	4.00 - 5.50
		175/80 R14	88T	350	7.9	636	170	287	185	1940	5.0	4.50 - 6.00
		185/80 R14	95R XL	330	8.1	652	183	293	201	1985	5.0	4.50 - 6.00
	70	185/80 R14	91T	330	8.1	652	183	293	201	1985	5.0	4.50 - 6.00
		165/70 R14	81T	350	7.4	586	167	268	182	1788	5.0	4.00 - 5.50
		165/70 R14	85T XL	350	7.4	586	167	268	182	1788	5.0	4.00 - 5.50
		175/70 R14	88T XL	350	7.5	598	175	272	191	1824	5.0	4.50 - 6.00
		185/70 R14	88T	350	7.7	616	185	279	202	1879	5.5	4.50 - 6.00
		195/70 R14	91T	350	7.7	631	195	285	213	1925	6.0	5.00 - 6.50
		205/70 R14	95T	330	7.8	642	204	289	228	1954	6.0	5.00 - 7.00
	65	155/65 R14	75T	350	7.3	556	150	256	164	1696	4.5	4.50 - 5.50
		165/65 R14	79T	350	7.5	567	166	260	181	1729	5.0	4.50 - 6.00
		175/65 R14	82T	350	7.6	583	170	266	185	1778	5.0	5.00 - 6.00
		175/65 R14	86T XL	350	7.5	580	173	265	189	1769	5.0	5.00 - 6.00
		185/65 R14	86T	350	7.7	593	186	270	203	1809	5.5	5.00 - 6.50
		195/65 R14	89T	350	7.8	609	195	277	213	1857	6.0	5.50 - 7.00
60	165/60 R14	75T	350	7.4	554	167	255	182	1688	5.0	4.50 - 6.00	
15	80	135 R15	72S	310	6.7	599	136	275	152	1828	4.0	3.50 - 4.50
		155 R15	82S	310	8.0	631	156	289	175	1923	4.5	4.00 - 5.00
		165/80 R15	87T	330	7.7	644	162	293	178	1967	4.5	4.00 - 5.50
	70	195/70 R15	97S XL	330	7.7	654	198	297	221	1992	6.0	5.00 - 6.50
	65	165/65 R15	81T	350	7.4	592	166	273	181	1806	5.0	4.50 - 6.00
		175/65 R15	84T	350	7.5	606	176	278	192	1849	5.0	5.00 - 6.00
		185/65 R15	92T XL	350	7.6	619	185	283	202	1888	5.5	5.00 - 6.50
		195/65 R15	91T	350	7.8	635	194	290	211	1937	6.0	5.50 - 7.00
		195/65 R15	95T XL	350	7.8	634	195	289	213	1934	6.0	5.50 - 7.00





PERFORMANCE
WINTER

OBSERVE G2S

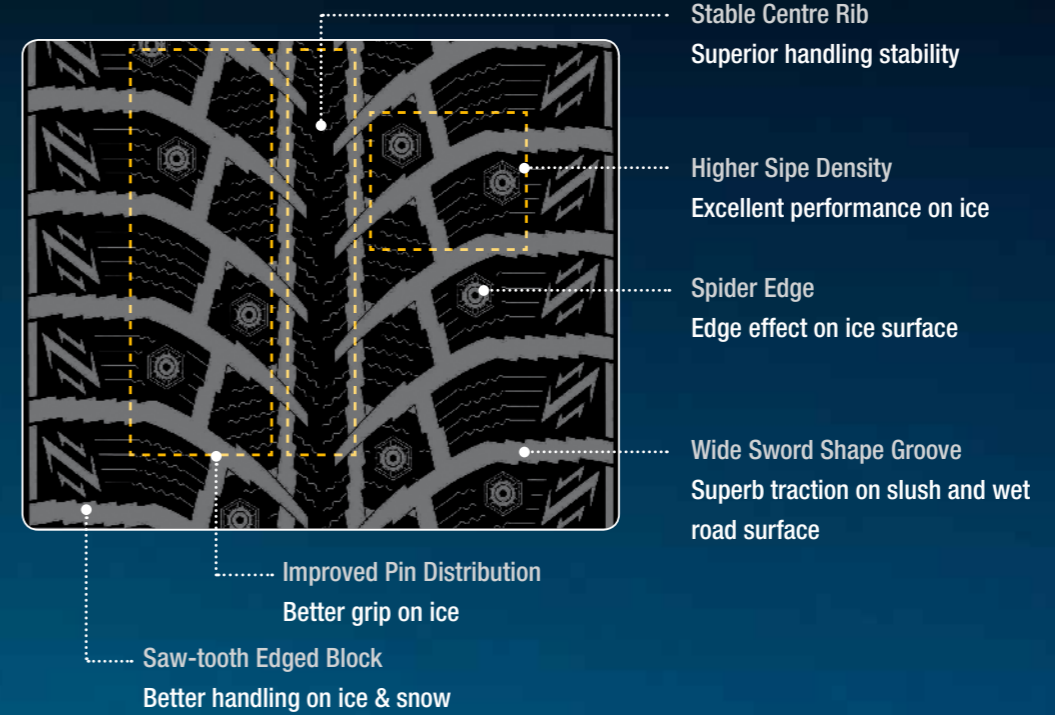


A studdable radial tire, Observe G2S offers relaxed driving even on severe winter roads.

The increased sipe density and effective stud pin alignment combine with the soft compound including walnut shell powder to give excellent ice performance.

Wide sword shape grooves provide superb traction on slush and wet road surfaces.

Tread Pattern Features



Pattern

Sipe Density. 30% higher than Observe G1S+
Excellent performance on ice

Stud Pin Alignment. Improved pin distribution
Better grip on ice

Spider Edge
Good edge effect on ice

Stable Center Rib
Superior handling stability

Saw-Tooth Edged Block
Better handling on ice & snow

Wide Sword Shape Groove
Superb traction on slush and wet road surfaces

Tread Compound

Softer, well-balanced compound with Walnut
Excellent performance on ice & snow surfaces

Dimensions Observe G2S

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
13	70	175/70 R13	82T	9.2	577	173	261	188	1760	5.0	4.50 - 6.00
14	70	185/70 R14	88T	9.6	616	187	279	203	1880	5.5	4.50 - 6.00
	65	175/65 R14	86T XL	9.6	584	174	267	190	1782	5.0	5.00 - 6.00
15	65	185/65 R14	86T	9.6	598	185	272	201	1823	5.5	5.00 - 6.50
		185/65 R15	92T XL	9.6	622	187	285	204	1898	5.5	5.00 - 6.50
	195/65 R15	95T XL	9.6	637	197	290	215	1942	6.0	5.50 - 7.00	
	205/65 R15	99T XL	9.6	649	207	295	226	1979	6.0	5.50 - 7.50	
	60	195/60 R15	88T	9.6	615	201	282	219	1876	6.0	5.50 - 7.00
16	55	195/55 R15	85T	9.6	596	198	274	216	1818	6.0	5.50 - 7.00
	60	205/60 R16	96T XL	9.6	654	206	300	225	1995	6.0	5.50 - 7.50
		215/60 R16	95T	9.6	664	219	304	239	2025	6.5	6.00 - 7.50
	55	205/55 R16	94T XL	9.6	635	210	292	229	1937	6.5	5.50 - 7.50
17	50	215/55 R16	97T XL	9.6	644	227	296	247	1964	7.0	6.00 - 7.50
		205/50 R17	93T XL	9.6	643	209	298	228	1962	6.5	5.50 - 7.50
	45	225/50 R17	98T XL	9.6	660	226	305	246	2014	7.0	6.00 - 8.00
		225/45 R17	94T XL	9.6	638	219	296	239	1946	7.5	7.00 - 8.50

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GARIT G4



Garit G4, with its advanced technology, has been designed for stable handling in severe winter conditions.

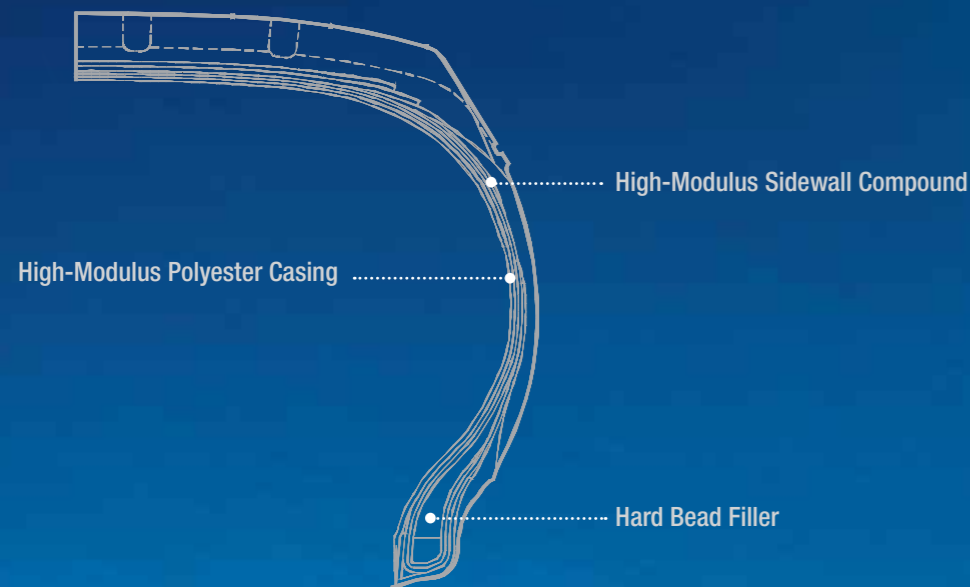
Garit G4 takes advantage of 7 million walnut shells which act like cat's claws giving more grip on icy surfaces.

The strong tire casing construction ensures stable handling. The ultimate evolution of the winter tire.

Tread Pattern Features



Construction Technology



Features and Benefits



360° Studless

Spider sipes in the tread give omni-directional effectiveness on ice surfaces.

New Silica Compound

Absorbent carbonic powder removes the water layer on ice surfaces for excellent grip on ice.

Improved silica dispersion provides greater flexibility for enhanced grip even at extremely low temperatures.

Walnut microbits in the compound (Oni-kurumi) scratch hard ice surfaces. The use of this natural, environmentally friendly material provides higher grip on icy roads.

Long-lasting Performance

Reduced irregular wear through the use of spider sipes and multi-wave sipes.

Some dimensions available
as Garit G30, Observe Garit
KX or Observe G02+.



Garit G30



Observe
Garit KX



Observe G02+

Dimensions Garit G4

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
13	80	145/80 R13	75Q	GRG30	8.9	563	147	256	160	1717	4.0	3.50 - 5.00
		155/80 R13	79Q	GRG30	8.9	579	160	262	174	1766	4.5	4.00 - 5.00
	70	155/70 R13	75Q	GRG4	8.2	556	157	253	171	1696	4.5	4.50 - 5.00
		165/70 R13	79Q	GRG4	8.2	574	172	260	187	1751	5.0	4.00 - 5.00
		175/70 R13	82Q	GRG4	8.2	586	180	265	196	1787	5.0	4.50 - 5.50
65	155/65 R13	73Q	GRG4	8.2	533	150	244	164	1626	4.5	4.50 - 5.00	
14	70	165/70 R14	81Q	GRG4	8.2	597	171	272	186	1821	5.0	4.00 - 5.50
		175/70 R14	84Q	GRG4	8.2	614	178	279	194	1873	5.0	4.50 - 6.00
		185/70 R14	88Q	GRG4	8.7	624	191	282	208	1903	5.5	4.50 - 6.00
	65	155/65 R14	75Q	GRG4	8.2	568	154	261	168	1732	4.5	4.50 - 5.50
		175/65 R14	86Q XL	GRG4	8.2	588	175	268	191	1793	5.0	5.00 - 6.00
		185/65 R14	86Q	GRG4	8.7	599	185	273	202	1827	5.5	5.00 - 6.50
	60	185/60 R14	82Q	GRG4	8.7	577	179	264	195	1760	5.5	5.00 - 6.50
15	70	205/70 R15	96Q	GRG4	8.7	676	213	306	232	2062	6.0	5.00 - 7.00
		215/70 R15	98Q	GRG4	8.7	689	227	311	247	2101	6.5	5.50 - 7.00
	65	175/65 R15	84Q	GRG4	8.2	615	175	282	191	1876	5.0	5.00 - 6.00
		185/65 R15	92Q XL	GRG4	8.7	623	186	285	203	1900	5.5	5.00 - 6.50
		195/65 R15	95Q XL	GRG4	8.7	639	199	291	217	1947	6.0	5.50 - 7.00
	60	205/65 R15	99Q XL	GRG4	8.7	651	208	296	227	1984	6.0	5.50 - 7.50
		185/60 R15	84Q	GRG4	8.7	601	179	276	195	1833	5.5	5.00 - 6.50
	55	195/60 R15	88Q	GRG4	8.7	616	195	282	213	1879	6.0	5.50 - 7.00
		165/55 R15	75Q	OBGK	8.9	566	163	263	178	1638	5.0	4.50 - 6.00
		185/55 R15	82Q	GRG4	9.2	588	191	271	208	1793	6.0	5.00 - 6.50
16	65	195/55 R15	85Q	GRG4	9.2	597	199	275	217	1821	6.0	5.50 - 7.00
		205/65 R16	95Q	GRG4	8.7	676	206	308	225	2062	6.0	5.50 - 7.50
	60	205/60 R16	92Q	GRG4	8.7	653	203	299	221	1992	6.0	5.50 - 7.50
		215/60 R16	95Q	GRG4	8.7	663	215	303	234	2022	6.5	6.00 - 7.50
	55	205/55 R16	94Q XL	GRG4	9.2	633	209	292	228	1931	6.5	5.50 - 7.50
		215/55 R16	97Q XL	GRG4	9.7	647	225	297	245	1973	7.0	6.00 - 7.50
		225/55 R16	99Q RD	OBGK	9.7	657	232	301	253	2004	7.0	6.00 - 8.00
	50	195/50 R16	84Q	OBGK	9.2	605	196	281	214	1845	6.0	5.50 - 7.00
		225/50 R16	92Q	OBGK	9.7	637	228	293	249	1943	7.0	6.00 - 8.00
	17	65	215/65 R17	98T	OBG02+	9.9	710	217	324	236	2165	6.5
215/55 R17			94H	OBGK	9.7	672	228	309	249	2068	7.0	6.00 - 7.50
55		215/55 R17	94Q	GRG4	9.5	678	225	312	245	2068	7.0	6.00 - 7.50
		225/55 R17	97Q	GRG4	9.5	687	229	315	250	2095	7.0	6.00 - 8.00
		205/50 R17	93Q XL	GRG4	9.2	637	205	296	223	1943	6.5	5.50 - 7.50
50		215/50 R17	91Q	OBGK	9.7	647	218	300	238	1973	7.0	6.00 - 7.50
		225/50 R17	94Q	OBGK	9.7	658	226	304	246	2007	7.0	6.00 - 7.50
		235/50 R17	96Q	OBGK	9.7	671	235	309	256	2047	7.5	6.50 - 8.50
		215/45 R17	91H RD	OBGK	9.7	628	216	292	235	1915	7.0	7.00 - 8.00
45		225/45 R17	91Q	GRG4	9.5	642	225	298	245	1958	7.5	7.00 - 8.50
	235/45 R17	93Q	OBGK	9.7	649	235	301	256	1979	8.0	7.50 - 9.00	
	245/45 R17	95Q	GRG4	9.7	657	243	304	265	2004	8.0	7.50 - 9.00	
	255/40 R17	94Q	OBGK	9.9	640	256	297	279	1952	9.0	8.50 - 10.00	
18	60	225/60 R18	100T	OBG02+	9.9	729	223	334	243	2222	6.5	6.00 - 8.00
	50	235/50 R18	97Q	GRG4	9.5	692	239	320	261	2111	7.5	6.50 - 8.50
		225/45 R18	91H	OBGK	9.7	662	227	308	247	2019	7.5	7.00 - 8.50
	45	235/45 R18	98H RD	OBGK	9.7	672	238	312	259	2050	8.0	7.50 - 9.00
		245/45 R18	96H	OBGK	9.7	680	244	315	266	2073	8.0	7.50 - 9.00
	40	245/40 R18	97Q XL	GRG4	9.7	653	248	305	270	1992	8.5	8.00 - 9.50
19	40	245/40 R19	94H	OBGK	9.7	678	246	318	268	2068	8.5	8.00 - 9.50

All tread depth measurements taken at centre point of tread.





SNOWPROX S953



Snowprox S953 is a high performance highway winter tire. Available in aspect ratios from 60 down to 40 series, Snowprox S953 has been developed to offer improved braking and ride comfort in wet and dry conditions.

Improvements in braking and comfort in cold weather have been achieved without compromising winter performance.

The adoption of a sporty directional tread pattern combined with additional functional elements of the tread combine provide an outstanding winter tire for highway speed use.

Construction Technology



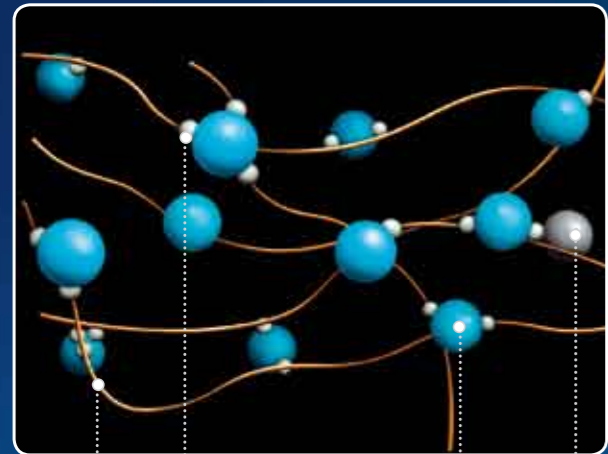
Tread Pattern Features



- Rib and Large Size Block
Enhanced dry handling
- Asymmetric Section Groove
Enhanced wet and dry braking
- Multi Wave Sipe
Stable handling in both wet and dry
Better irregular wear resistance
- Open Lateral Slit
Enhanced water drainage and snow traction
- Lateral Sipe
Enhanced snow traction

Two Wide Grooves and V-Shape Grooves
Enhanced water drainage

Tread Compound



A more uniform dispersion of silica is achieved by means of a naturally derived element.

As a result, wet and dry grip have been improved without compromising winter performance.

Naturally derived element

Silica

Carbon

Polymer

Dimensions Snowprox S953

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (inch)	ALTERNATE RIM (inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	55	185/55 R15	82H	8.2	586	194	270	211	1787	6.0	5.00 - 6.50
		195/55 R15 XL	89H	8.3	597	199	275	217	1821	6.0	5.50 - 7.00
		205/55 R15	88H	8.3	611	214	280	234	1863	6.5	5.50 - 7.50
	50	195/50 R15	82H	8.3	579	200	268	218	1766	6.0	5.50 - 7.00
		205/50 R15	86H	8.4	591	211	272	230	1803	6.5	5.50 - 7.50
		195/55 R16	87H	8.3	622	200	287	218	1896	6.0	5.50 - 7.00
16	55	205/55 R16	91H	8.4	636	216	293	235	1940	6.5	5.50 - 7.50
		205/55 R16 XL	94V	8.4	636	216	293	235	1940	6.5	5.50 - 7.50
		215/55 R16	93H	8.5	645	225	296	245	1967	7.0	6.00 - 7.50
		215/55 R16 XL	97H	8.5	646	225	296	245	1970	7.0	6.00 - 7.50
		225/55 R16	95H	8.6	655	231	300	252	1998	7.0	6.00 - 8.00
		225/55 R16 XL	99V	8.6	656	232	301	253	2002	7.0	6.00 - 8.00
	50	195/50 R16 XL	88H	8.3	607	195	282	212	1853	6.0	5.50 - 7.00
		205/50 R16 XL	91H	8.4	615	213	284	232	1875	6.5	5.50 - 7.50
		225/50 R16	92H	8.6	635	230	292	251	1937	7.0	6.00 - 8.00
	45	195/45 R16 XL	84H	7.8	584	194	272	211	1781	6.5	6.00 - 7.50
		205/45 R16 XL	87H	7.9	589	207	274	226	1797	7.0	6.50 - 7.50
		225/45 R16 XL	93H	8.1	612	225	283	246	1867	7.5	7.00 - 8.50
40	215/40 R16 XL	86H	8.0	583	218	272	238	1778	7.5	7.00 - 8.50	
17	60	225/60 R17	99V	8.6	704	230	322	250	2146	6.5	6.00 - 8.00
	55	215/55 R17 XL	98V	8.5	673	225	310	245	2053	7.0	6.00 - 7.50
		225/55 R17 XL	101V	8.6	683	233	314	254	2082	7.0	6.00 - 8.00
		235/55 R17 XL	103V	8.2	693	243	318	265	2114	7.5	6.50 - 8.50
	50	205/50 R17 XL	93V	8.4	641	212	297	231	1955	6.5	5.50 - 7.50
		215/50 R17 XL	95V	8.5	652	224	302	244	1988	7.0	6.00 - 7.50
		225/50 R17 XL	98V	8.6	661	229	305	250	2016	7.0	6.00 - 8.00
	45	205/45 R17 XL	88H	7.9	622	205	290	223	1897	7.0	6.50 - 7.50
		215/45 R17 XL	91H	8.0	629	210	293	229	1918	7.0	7.00 - 8.00
		225/45 R17	91H	8.1	634	222	295	242	1934	7.5	7.00 - 8.50
		225/45 R17 XL	94V	8.1	635	222	295	242	1936	7.5	7.00 - 8.50
		235/45 R17 XL	97V	8.2	647	236	300	257	1973	8.0	7.50 - 9.00
245/45 R17 XL		99V	8.3	654	244	303	266	1995	8.0	7.50 - 9.00	
40	255/40 R17 XL	98V	8.4	636	259	296	282	1940	9.0	8.50 - 10.00	
18	60	225/60 R18	100H	8.6	729	227	335	248	2224	6.5	6.00 - 8.00
	45	225/45 R18 XL	95H	8.1	665	220	310	240	2028	7.5	7.00 - 8.50
		225/45 R18 XL	95V	8.1	665	220	310	240	2028	7.5	7.00 - 8.50
		235/45 R18 XL	98H	8.2	673	233	313	254	2053	8.0	7.50 - 9.00
	40	225/40 R18 XL	92V	8.1	642	230	301	251	1959	8.0	7.50 - 9.00
		235/40 R18 XL	95V	8.2	645	242	302	264	1967	8.5	8.00 - 9.50
245/40 R18 XL		97V	8.3	648	246	303	268	1976	8.5	8.00 - 9.50	

SNOWPROX S952



Snowprox S952 is a winter tire for high performance cars on 40/45/50/55 aspect ratios.

It was developed for safe and easy driving in winter conditions. With a functional and asymmetric tread pattern, a new tire profile design and newly developed silica compound, Snowprox S952 provides firm ground contact for excellent handling and performance on wet and snowy road surfaces.

Tread Pattern Features



Multi Wave Sipe
Stable handling in both wet and dry
Better irregular wear resistance

3D Sipe
Excellent wet handling, braking and resistance to heel and toe wear

Lateral Grooves
Lateral grooves with long biting edges for better traction

Shallow Sipe
Assists snow and ice grip

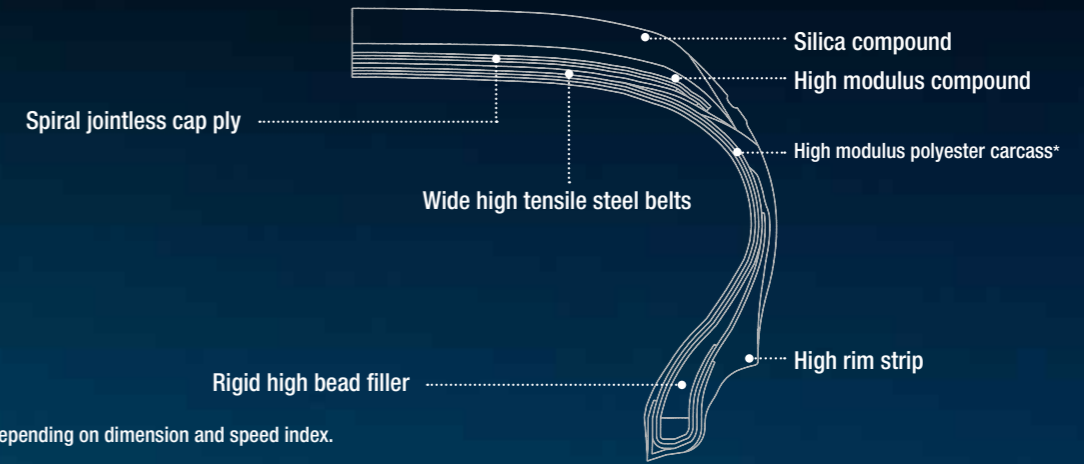
Triple Wide Straight Groove
Excellent water drainage

Asymmetric Design
Excellent snow handling and traction

Silica Compound
Excellent wet handling; shorter braking distance wet roads especially vehicles with ABS system

Tread Compound
Thermo-elastic tread compound with wide operating temperature range (- 15 to 23 degrees)

Construction Technology



* 1 or 2 plies depending on dimension and speed index.

Dimensions Snowprox S952

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)	
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)				
15	55	185/55 R15	82H	8.7	585	194	270	211	1784	6.0	5.00 - 6.50	
		195/55 R15	89H XL	8.8	595	197	274	215	1815	6.0	5.50 - 7.00	
		205/55 R15	88H	8.9	608	215	279	234	1854	6.5	5.50 - 7.50	
	50	195/50 R15	82H	8.8	578	196	267	214	1763	6.0	5.50 - 7.00	
		205/50 R15	86H	8.9	588	210	271	229	1793	6.5	5.50 - 7.50	
		195/55 R16	87H	8.8	622	197	287	214	1896	6.0	5.50 - 7.00	
16	55	205/55 R16	91H	8.9	634	215	292	234	1934	6.5	5.50 - 7.50	
		205/55 R16	94H XL	8.9	634	215	292	234	1934	6.5	5.50 - 7.50	
		215/55 R16	93H	9.0	644	227	296	247	1964	7.0	6.00 - 7.50	
		215/55 R16	97H XL	9.0	644	227	296	247	1964	7.0	6.00 - 7.50	
		225/55 R16	95H	9.1	655	234	300	255	1998	7.0	6.00 - 8.00	
		225/55 R16	99V XL	9.1	654	236	300	257	1994	7.0	6.00 - 8.00	
	50	205/50 R16	91H XL	8.9	613	210	284	229	1870	6.5	5.50 - 7.50	
		225/50 R16	92H	9.1	633	228	292	249	1931	7.0	6.00 - 8.00	
		45	195/45 R16	80H	8.8	584	191	273	208	1782	6.5	6.00 - 7.50
			205/45 R16	87H XL	8.9	592	204	276	222	1806	7.0	6.50 - 7.50
			225/45 R16	93H XL	9.1	610	223	283	243	1861	7.5	7.00 - 8.50
		40	215/40 R16	86H XL	9.0	580	216	271	235	1769	7.5	7.00 - 8.50
17	60	225/60 R17	99V	9.1	705	229	322	250	2150	6.5	6.00 - 8.00	
		215/55 R17	98V XL	9.0	670	226	309	246	2044	7.0	6.00 - 7.50	
		225/55 R17	101V XL	9.1	684	232	314	253	2087	7.0	6.00 - 8.00	
		205/50 R17	93V XL	8.9	642	209	298	228	1958	6.5	5.50 - 7.50	
		50	215/50 R17	95V XL	9.0	648	221	300	241	1977	7.0	6.00 - 7.50
			225/50 R17	98V XL	9.1	660	227	305	247	2013	7.0	6.00 - 8.00
	45	205/45 R17	88H XL	8.9	618	204	289	222	1885	7.0	6.50 - 7.50	
		215/45 R17	91H XL	9.0	628	212	292	231	1915	7.0	7.00 - 8.00	
		225/45 R17	91H	9.1	635	223	295	243	1937	7.5	7.00 - 8.50	
		225/45 R17	94V XL	9.1	635	223	295	243	1937	7.5	7.00 - 8.50	
		235/45 R17	97V XL	9.2	645	235	299	256	1967	8.0	7.50 - 9.00	
		245/45 R17	99V XL	9.2	652	241	302	263	1989	8.0	7.50 - 9.00	
18	40	255/40 R17	98V XL	9.4	638	258	296	281	1946	9.0	8.50 - 10.00	
		225/60 R18	100H	9.1	732	230	336	251	2231	6.5	6.00 - 8.00	
		225/40 R18	92V XL	9.1	639	226	300	246	1949	8.0	7.50 - 9.00	
		235/40 R18	95V XL	9.2	646	238	302	259	1970	8.5	8.00 - 9.50	
		245/40 R18	97V XL	9.3	658	244	307	266	2008	8.5	8.00 - 9.50	
		225/40 R18	92V XL	9.1	639	226	300	246	1949	8.0	7.50 - 9.00	

All tread depth measurements taken at centre point of tread.

All Toyo brand tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

SNOWPROX S942

Some dimensions available as Snowprox S940/S930.



S940



S930



Snowprox S942 has been developed to meet the driving requirements of modern vehicles and driver in winter. Available in 60/65/70/80 series.

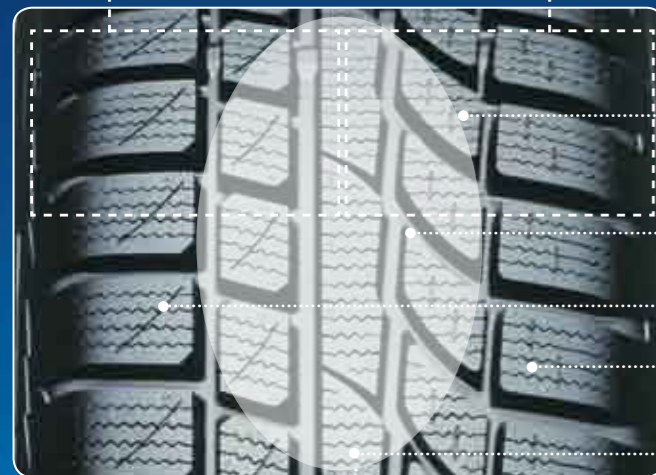
It is a stylish and functional winter tire, designed for all winter road conditions and is ideal for small and medium size cars.

An asymmetrical tread design with wavy sipes and adoption of a silica-reinforced tread compound providing outstanding handling performance in all winter conditions. In addition, Snowprox S942 provides high speed stability.

Tread Pattern Features

Outside Pattern
Increase of circum void ratio for lateral snow traction

Inside Pattern
Increase of lateral void ratio for circum snow traction



High Density Sipes
For snow and ice performance

Multi Wave Sipes
For wet and dry performance

Crossover Dimple
To support even contact and edge effect at beginning

Stability Rib
To feed steering information and response

Round Contact Patch
For aquaplaning resistance

Dimensions Snowprox S942

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)	
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)				
13	80	135/80 R13	70Q	S930	8.1	544	132	248	143	1659	3.5	3.50 - 4.50	
		145/80 R13	75Q	S942	8.2	562	136	256	148	1715	4.0	3.50 - 5.00	
		155/80 R13	79T	S942	8.3	576	154	261	168	1757	4.5	4.00 - 5.00	
		165/80 R13	83Q	S930	8.5	593	161	268	174	1810	4.5	4.00 - 5.50	
	70	155/70 R13	75T	S942	8.1	549	154	250	168	1674	4.5	4.00 - 5.00	
		165/70 R13	79T	S942	8.2	563	166	256	181	1717	5.0	4.00 - 5.50	
		175/70 R13	82T	S942	8.3	577	176	261	192	1760	5.0	4.50 - 6.00	
	65	165/65 R13	77T	S942	8.5	543	163	248	178	1656	5.0	4.50 - 6.00	
	14	80	165/80 R14	85Q	S930	8.5	619	161	281	174	1885	4.5	4.00 - 5.50
175/80 R14			88T	S942	8.7	636	174	287	190	1940	5.0	4.50 - 6.00	
185/80 R14			91Q	S930	8.9	651	183	293	198	1985	5.0	4.50 - 6.00	
185/80 R14			95Q XL	S930	8.9	651	183	293	198	1985	5.0	4.50 - 6.00	
70		165/70 R14	85T XL	S942	8.2	589	166	269	181	1796	5.0	4.00 - 5.50	
		175/70 R14	88T XL	S942	8.3	604	174	275	190	1842	5.0	4.50 - 6.00	
		185/70 R14	88T	S942	8.4	619	185	281	202	1888	5.5	4.50 - 6.00	
		195/70 R14	95T XL	S942	9.0	631	196	285	214	1924	6.0	5.00 - 6.50	
65		205/70 R14	95T	S940	9.1	644	205	290	221	1964	6.0	5.50 - 7.00	
		165/65 R14	79T	S942	8.5	572	166	262	181	1745	5.0	4.50 - 6.00	
		175/65 R14	86T XL	S942	8.6	584	174	267	190	1781	5.0	5.00 - 6.00	
		185/65 R14	86T	S942	8.7	597	187	272	204	1821	5.5	5.00 - 6.50	
		195/65 R14	89T	S942	8.8	609	199	276	217	1856	6.0	5.50 - 7.00	
60		185/60 R14	82H	S942	8.7	578	184	265	201	1763	5.5	5.00 - 6.50	
		195/60 R14	86H	S942	8.8	589	197	269	215	1796	6.0	5.50 - 7.00	
15		65	175/65 R15	88T XL	S942	8.6	609	173	279	188	1857	5.0	5.00 - 6.00
			185/65 R15	92T XL	S942	8.7	621	188	284	205	1894	5.5	5.00 - 6.50
			185/65 R15	88H	S942	8.7	621	188	284	205	1894	5.5	5.00 - 6.50
	195/65 R15		91T	S942	9.3	632	203	288	221	1928	6.0	5.50 - 7.00	
	195/65 R15		95T XL	S942	9.3	632	203	288	221	1928	6.0	5.50 - 7.00	
	195/65 R15		91H	S942	9.3	632	203	288	221	1928	6.0	5.50 - 7.00	
	60	205/65 R15	94T	S942	9.4	648	204	295	222	1976	6.0	5.50 - 7.50	
		205/65 R15	99T XL	S942	9.4	648	204	295	222	1976	6.0	5.50 - 7.50	
		205/65 R15	94H	S942	9.4	648	204	295	222	1976	6.0	5.50 - 7.50	
		215/65 R15	96H	S942	9.5	659	222	299	242	2010	6.5	6.00 - 7.50	
		155/60 R15	74T	S942	8.4	567	154	263	168	1729	4.5	4.50 - 5.50	
		175/60 R15	81H	S942	8.6	592	183	273	199	1806	5.0	5.00 - 6.00	
60	185/60 R15	84H	S942	8.7	604	181	277	197	1842	5.5	5.00 - 6.50		
	185/60 R15	88H XL	S942	8.7	603	183	277	200	1840	5.5	5.00 - 6.50		
	195/60 R15	88H	S942	8.8	614	197	281	215	1873	6.0	5.50 - 7.00		
	205/60 R15	95H XL	S942	9.4	627	203	286	221	1912	6.0	5.50 - 7.50		
	215/60 R15	98H XL	S942	9.5	640	217	292	237	1952	6.5	6.00 - 7.50		
	225/60 R15	96H	S942	9.5	651	225	296	245	1986	6.5	6.00 - 8.00		
55	175/55 R15	77T	S942	8.6	576	176	267	192	1757	5.5	5.00 - 6.00		
16	65	215/65 R16	98H	S942	9.5	686	221	312	241	2091	6.5	6.00 - 7.50	
		185/60 R16	86H	S942	8.7	630	180	291	196	1922	5.5	5.00 - 6.50	
	60	205/60 R16	92H	S942	9.4	653	207	299	225	1992	6.0	5.50 - 7.50	
		205/60 R16	96H XL	S942	9.4	653	207	299	225	1990	6.0	5.50 - 7.50	
		215/60 R16	99H XL	S942	9.5	665	218	304	238	2028	6.5	6.00 - 7.50	
		225/60 R16	102H XL	S942	9.5	676	226	308	246	2062	6.5	6.00 - 8.00	
		235/60 R16	104H XL	S942	9.5	689	239	313	261	2101	7.0	6.50 - 8.50	
		65	215/65 R16C	106H	S942	9.3	641	196	250	214	2096	6.0	5.50 - 6.50
	60	195/60 R16C	99H	S942	9.5	687	220	268	240	1955	6.5	6.00 - 7.00	

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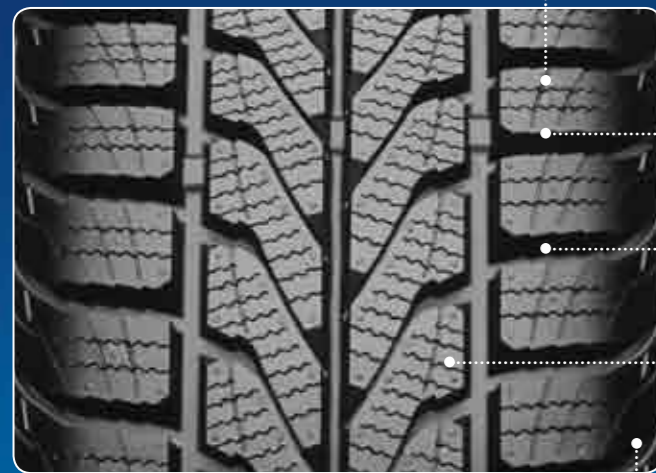
TOYO VARIO-V2+



➔ Toyo's all season radial tire, Vario-V2+ has been developed to achieve improved tire performance for wet, dry and winter conditions.

The directional tread design with advanced silica reinforced tread compound provides safe driving.

Tread Pattern Features



Multi Wave Sipes
For handling performance on dry and wet roads

Saw Tooth Edged Block
For traction on snow and ice surface

Wide Groove
For snow traction water drainage

One Side Open Sipes
For handling performance on dry and wet road

Directional Pattern
For snow traction

↑ ↑ ↑
Straight Groove
For snow handling performance and water drainage

Some dimensions available as Vario or Vario V1.



Vario



Vario V1

Dimensions Toyo Vario-V2+

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)	
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)				
13	80	135/80 R13	70T	VARIO V1	8.1	545	131	249	141	1662	3.5	3.50 - 4.50	
		145/80 R13	75T	VARIO V2+	8.2	561	140	255	153	1711	4.0	3.50 - 5.00	
		155/80 R13	79T	VARIO V2+	8.3	577	153	261	167	1760	4.5	4.00 - 5.00	
		165/80 R13	83T	VARIO V1	8.5	593	162	268	175	1809	4.5	4.00 - 5.50	
	70	155/70 R13	75T	VARIO V2+	8.4	550	153	251	167	1678	4.5	4.00 - 5.00	
		165/70 R13	79T	VARIO V2+	8.5	562	165	256	180	1714	5.0	4.00 - 5.50	
		175/70 R13	82T	VARIO V2+	8.6	577	174	261	190	1760	5.0	4.50 - 6.00	
		165/65 R13	77T	VARIO V2+	8.5	544	167	248	182	1659	5.0	4.50 - 6.00	
	14	80	175/80 R14	88T	VARIO	9.1	637	177	288	189	1942	5.0	4.50 - 6.00
			185/80 R14	95S	VARIO	9.2	651	188	293	201	1985	5.0	4.50 - 6.00
		70	165/70 R14	85T XL	VARIO V2+	8.5	589	166	269	181	1796	5.0	4.00 - 5.50
			175/70 R14	84T	VARIO V2+	8.6	603	175	274	191	1839	5.0	4.50 - 6.00
185/70 R14			88T	VARIO V2+	8.7	617	186	280	203	1882	5.5	4.50 - 6.00	
195/70 R14			91T	VARIO V1	8.8	635	197	287	213	1937	6.0	5.00 - 6.50	
65		155/65 R14	75T	VARIO V2+	8.4	559	153	257	167	1705	4.5	4.50 - 5.50	
		165/65 R14	79T	VARIO V2+	8.5	571	165	262	180	1742	5.0	4.50 - 6.00	
		175/65 R14	82T	VARIO V2+	8.6	583	175	266	191	1778	5.0	5.00 - 6.00	
		185/65 R14	86T	VARIO V2+	8.7	596	188	272	205	1818	5.5	5.00 - 6.50	
60		185/60 R14	82T	VARIO V2+	8.7	580	183	265	199	1769	5.5	5.00 - 6.50	
		185/60 R14	82H	VARIO V2+	8.7	580	185	265	202	1769	5.5	5.00 - 6.50	
	195/60 R14	86T	VARIO V2+	8.8	592	198	270	216	1809	6.0	5.50 - 7.00		
	195/60 R14	86H	VARIO V2+	8.7	593	195	270	213	1806	6.0	5.50 - 7.00		
55	185/55 R14	80H	VARIO V2+	8.8	657	197	298	215	1705	6.0	5.00 - 6.50		
15	70	195/70 R15	97T XL	VARIO V2+	8.8	559	193	257	210	2004	6.0	5.00 - 6.50	
		165/65 R15	81T	VARIO V2+	8.5	597	168	275	183	1821	5.0	4.50 - 6.00	
		185/65 R15	88T	VARIO V2+	8.7	622	186	284	203	1897	5.5	5.00 - 6.50	
		195/65 R15	91T	VARIO V2+	8.8	635	199	290	217	1937	6.0	5.50 - 7.00	
	65	195/65 R15	95T XL	VARIO V2+	8.8	634	197	289	215	1934	6.0	5.50 - 7.00	
		195/65 R15	91H	VARIO V2+	8.8	635	199	290	217	1937	6.0	5.50 - 7.00	
		205/65 R15	95T	VARIO V2+	8.9	647	202	294	220	1973	6.0	5.50 - 7.50	
		205/65 R15	95H	VARIO V2+	8.9	647	202	294	220	1973	6.0	5.50 - 7.50	
	60	185/60 R15	84H	VARIO V2+	8.7	604	185	277	202	1842	5.5	5.00 - 6.50	
		195/60 R15	88H	VARIO V2+	8.8	616	195	282	213	1879	6.0	5.50 - 7.00	
	55	185/55 R15	82H	VARIO V2+	8.7	586	191	270	208	1786	6.0	5.00 - 6.50	
		195/55 R15	85H	VARIO V2+	8.8	595	199	274	217	1813	6.0	5.50 - 7.00	
50	195/50 R15	82H	VARIO V2+	8.8	581	195	269	213	1772	6.0	5.50 - 7.00		
16	55	205/55 R16	91H	VARIO V2+	8.9	634	214	292	233	1934	6.5	5.50 - 7.50	
		205/55 R16	94V XL	VARIO V2+	8.9	632	216	291	235	1928	6.5	5.50 - 7.50	

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SUV



OFFROAD



PROXES T1 Sport SUV

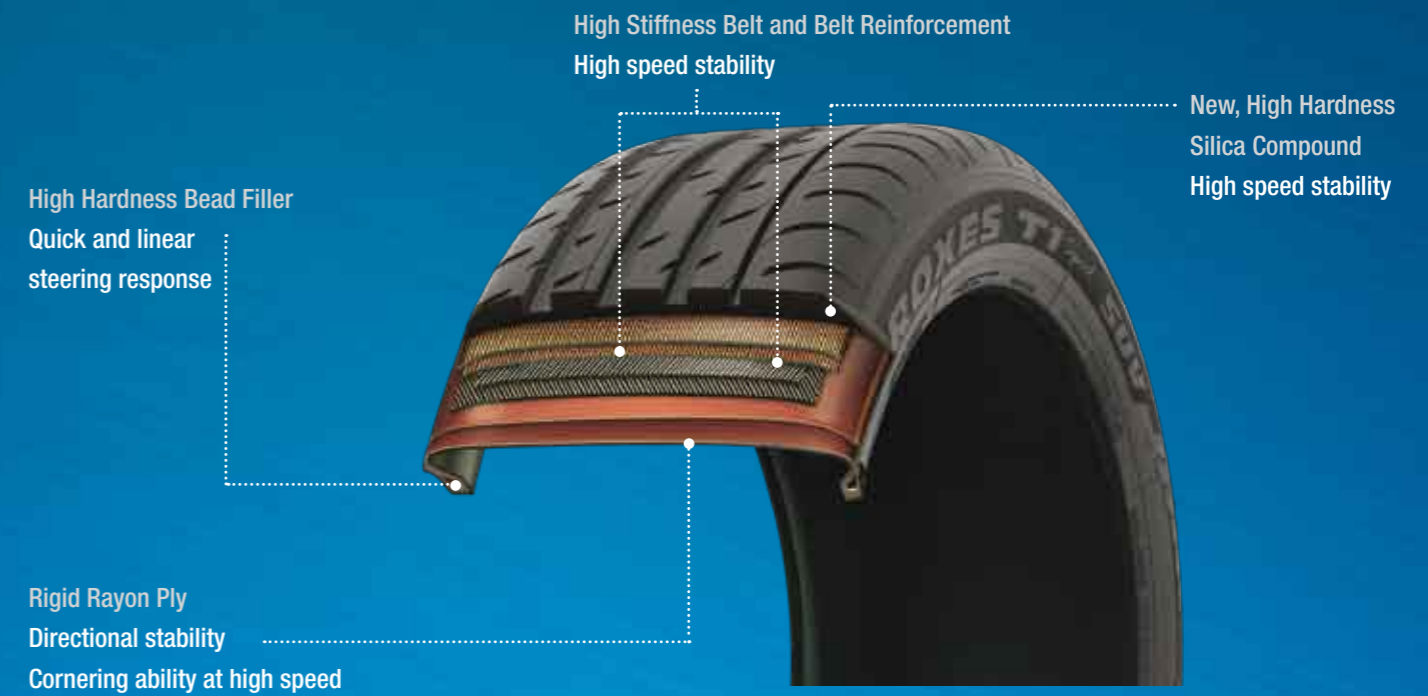


A high driving position, offering commanding views of the road, combined with extremely high performance have made premium SUV's a popular alternative to the traditional executive saloon in Europe.

With excellent highway speed stability and precise handling on wet or dry roads, Proxes T1 Sport SUV answers the need for an Ultra High Performance tire for these executive cars.



Construction Technology



Pattern Technology

Solid Inner Rib with Notch
Improved braking
Reduced irregular wear

Wide Centre Rib
High speed stability
Improved handling response

Wide Shoulder Blocks
Increased contact area
Improved handling and steering response



INSIDE

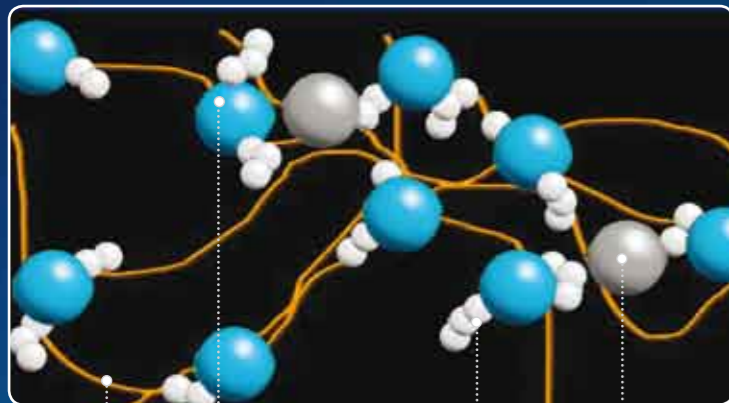
OUTSIDE

Aquaplaning and braking performance

Cornering Performance

Wide Circumferential Grooves
Wide water channels
Improves aquaplaning resistance

Tread Compound



A special bonding agent increases the interaction between all the compound elements to reinforce bonds for higher compound rigidity during cornering and braking.

Silica

Special bonding Agent

Polymer

Carbon

Dimensions Proxes T1 Sport SUV

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	65	235/65 R17	104W	8.3	731	244	333	266	2229	7.0	6.50 - 8.50
		235/65 R17	108V XL	8.4	731	243	332	265	2229	7.0	6.50 - 8.50
18	60	255/60 R17	106V	8.3	736	256	335	279	2245	7.5	7.00 - 9.00
		235/60 R18	107W XL	8.0	734	241	337	263	2240	7.0	6.50 - 8.50
		265/60 R18	110V	8.3	774	217	271	352	2360	8.0	7.50 - 9.50
19	55	255/55 R18	109Y XL	7.5	732	268	336	292	2232	8.0	7.00 - 9.00
		235/50 R18	97V	8.3	688	244	319	266	2099	7.5	6.50 - 8.50
	50	235/55 R19	101W	8.3	735	246	340	268	2243	7.5	6.50 - 8.50
		255/55 R19	111V XL	8.3	759	266	349	290	2315	8.0	7.00 - 9.00
		265/50 R19 '1'	110W XL	8.0	734	264	339	288	3328	8.0	7.00 - 9.00
20	40	275/45 R19	108Y XL	8.3	745	278	343	303	2271	8.0	7.50 - 9.50
		275/45 R20 '3'	110Y XL
		275/40 R20	106Y XL	8.0	727	275	340	300	2219	9.5	9.00 - 11.00
20	40	295/40 R20 '2'	110W XL	8.3	739	302	344	329	2253	10.5	10.00 - 11.50

'1' Speed rating increased to Y from August 2011
'2' Speed rating increased to Y from September 2011
'3' Available October 2011

PROXES S/T



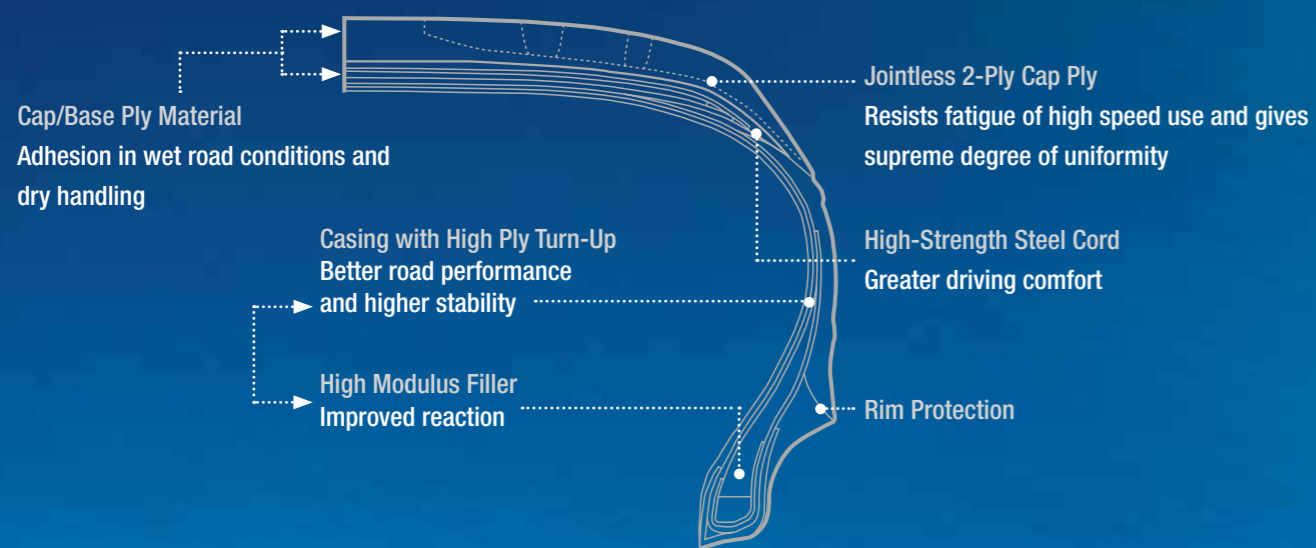
A unidirectional, ultra high performance tire, Proxes S/T complements the performance of the fastest and most luxurious SUVs.

Speed Indices H, V, W and Y. 15-23inch.

Dimensions Proxes S/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	60	P275/60 R15	107H	8.9	709	283	318	300	2162	8.0	7.50 - 9.50
	50	P295/50 R15	105H	9.1	674	315	305	334	2056	9.5	8.00 - 10.00
16	70	245/70 R16	107V	8.7	752	247	338	269	2294	7.0	6.50 - 8.00
		265/70 R16	112V	8.9	780	262	349	286	2379	8.0	7.00 - 9.00
	60	275/60 R16	109V	8.9	733	282	331	307	2236	8.0	7.00 - 9.00
17	65	235/65 R17	104V	8.3	735	240	334	262	2242	7.5	6.50 - 8.50
		255/60 R17	110V XL	8.7	736	260	335	276	2245	7.5	7.00 - 9.00
	60	275/60 R17	111V	8.9	760	279	344	296	2318	8.0	7.50 - 9.50
		285/60 R17	114V	9.0	772	294	349	312	2355	8.5	8.00 - 10.00
	55	225/55 R17	97V	8.4	679	231	312	252	2071	7.0	6.00 - 8.00
	275/55 R17	109V	8.9	733	281	333	306	2236	8.5	7.50 - 9.50	
18	65	225/65 R18	103V	8.2	748	226	342	246	2281	6.5	6.00 - 8.00
		235/60 R18	107V XL	8.5	740	244	339	266	2255	7.0	6.50 - 8.50
	60	255/60 R18	112V XL	8.7	761	264	347	288	2321	8.0	7.00 - 9.00
		285/60 R18	116V	9.0	798	294	362	312	2434	8.5	8.00 - 10.00
	55	255/55 R18	109V XL	8.7	735	263	337	287	2242	8.0	7.00 - 9.00
		235/50 R18	101V XL	8.7	692	240	320	262	2112	7.5	6.50 - 8.5
		285/50 R18	109V	8.6	738	294	338	320	2251	9.0	8.00 - 10.00
	45	255/45 R18	99V	8.3	688	254	319	277	2098	8.5	8.00 - 9.50
19	50	255/50 R19	103V	8.9	739	265	341	289	2254	8.0	7.00 - 9.00
	45	285/45 R19	107V	8.4	739	285	341	311	2254	9.5	9.00 - 10.50
20		255/50 R20	109Y XL	8.9	760	260	352	283	2318	8.0	7.00 - 9.00
	50	265/50 R20	111V XL	9.0	772	280	357	305	2355	8.5	7.50 - 9.50
		305/50 R20	120V XL	9.1	810	312	372	340	2471	9.5	8.50 - 11.00
	45	265/45 R20	108V XL	8.3	747	267	347	290	2278	9.0	8.50 - 10.00
		295/45 R20	114V XL	8.7	772	294	357	320	2355	10.0	9.50 - 11.00
	40	275/40 R20	106W XL	8.4	726	274	339	299	2213	9.5	9.00 - 11.00
		295/40 R20	106V	8.3	742	296	345	323	2263	10.5	10.00 - 11.50
22	45	315/35 R20	106W	8.8	726	313	339	341	2214	11.0	10.50 - 12.50
		305/45 R22	118V XL	8.7	829	303	385	330	2528	10.0	9.50 - 11.50
	40	305/40 R22	114V XL	8.7	803	309	375	336	2449	11.0	10.00 - 12.00
	35	265/35 R22	102W XL	8.3	745	265	352	289	2272	9.5	9.00 - 10.50
23		285/35 R22	106W XL	8.5	757	288	357	314	2309	10.0	9.50 - 11.00
	30	315/30 R22	107Y XL	8.4	750	310	354	338	2288	11.0	10.50 - 11.50
40	305/40 R23	115V XL	8.7	832	306	389	324	2538	11.0	10.00 - 12.00	

Construction Technology

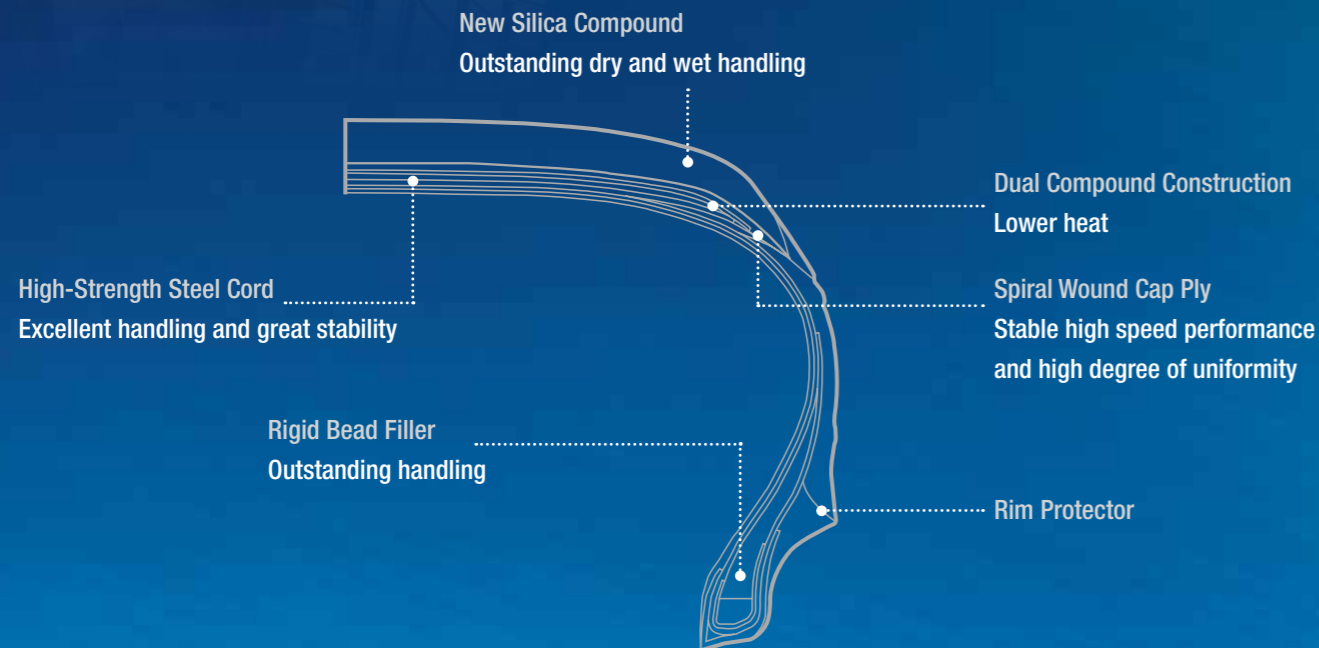


PROXES CF1 SUV



An SUV comfort tire with open circumferential tread pattern and multi-wave sipes for optimum braking performance in the wet and great dry handling. Proxes CF1 offers noise reduction through silent wall technology and high mileage due to reduced articulation of the tread blocks. Combines smooth running, safe handling and high functionality. Speed indices H and V, 17-18inch.

Construction Technology



Tread Pattern Features



- Handling**
 - Stable outer shoulder for optimum dry handling and optimum braking.
 - Stable central ribs for high precision steering.
- Comfort**
 - Closed shoulder blocks for even wear and reduced noise.
- Safety**
 - Excellent aquaplaning safety through wide circumferential grooves.
 - Groove in groove system: Outstanding water evacuation, higher mileage and better drainage.

Dimensions Proxes CF1 SUV

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	65	225/65 R17	102H	8.2	726	226	331	246	2214	6.5	6.00 - 8.00
	60	215/60 R17	96H	8.0	690	217	317	237	2105	6.5	6.00 - 7.50
		235/60 R17	102H	8.2	715	238	326	260	2182	7.0	6.50 - 8.50
	55	235/55 R17	99H	8.5	689	241	316	263	2100	7.5	6.50 - 8.50
18	55	225/55 R18	98V	8.4	707	228	326	248	2155	7.0	6.00 - 8.00

All Toyo brand tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

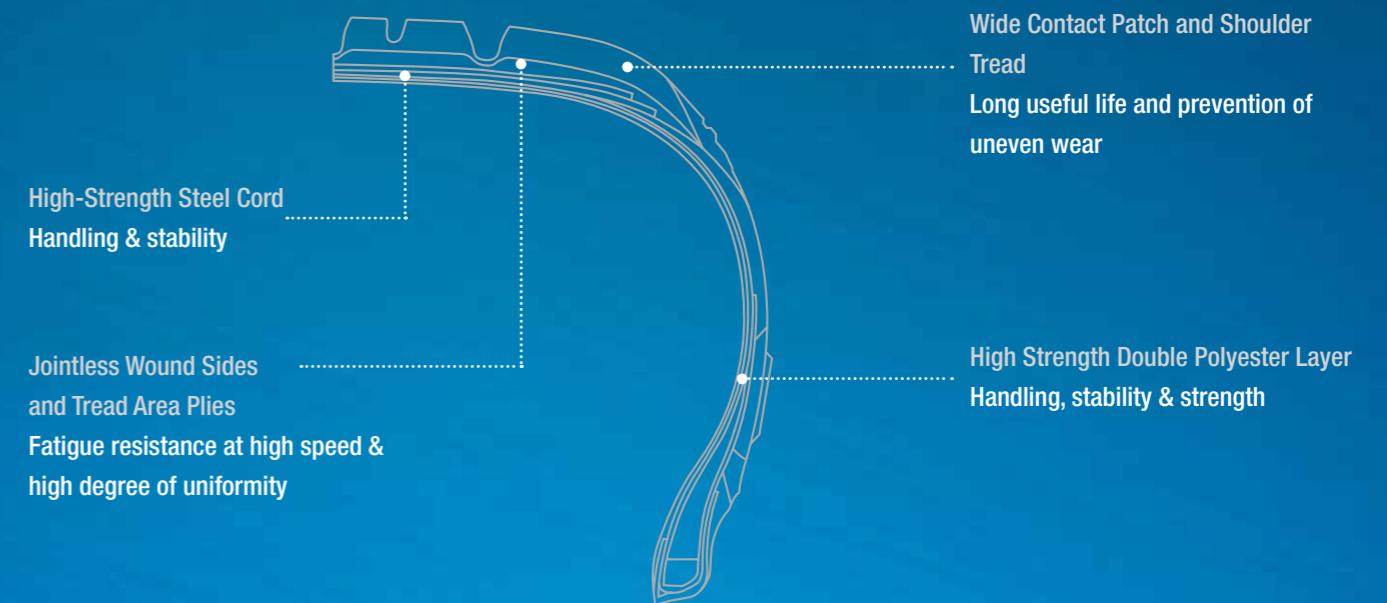


OPEN COUNTRY H/T

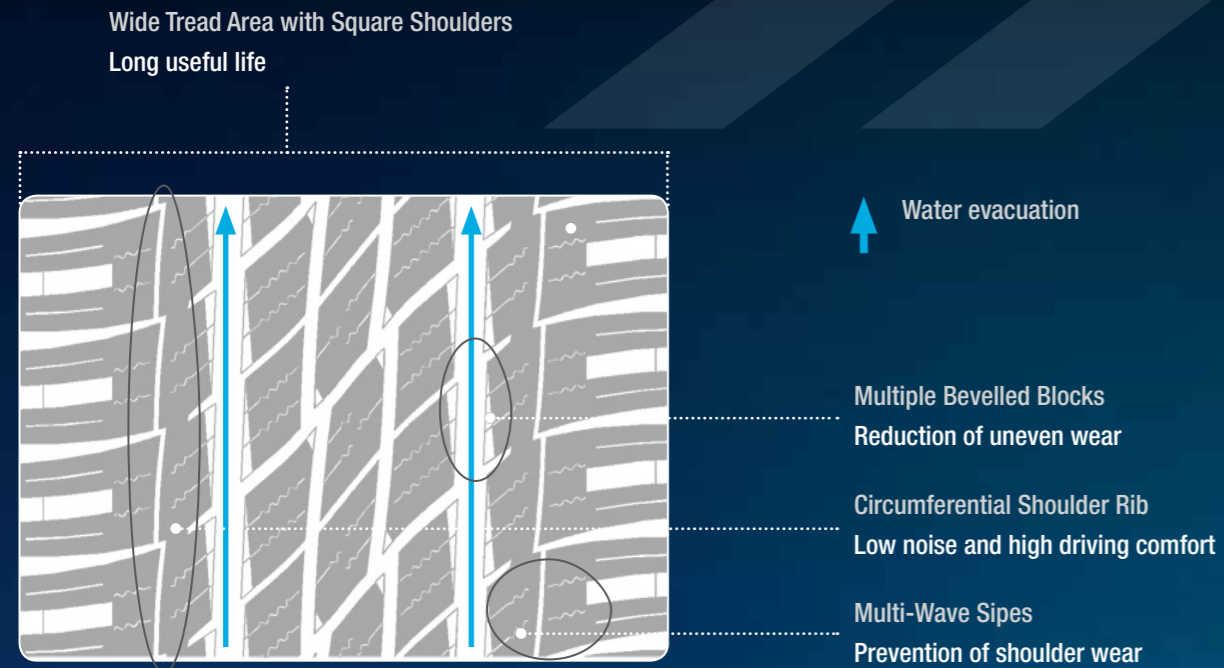


➤ A road tire for off-roaders and SUVs. Low road noise and high mileage through new silica compound. Wide tread pattern grooves for optimum water evacuation. Speed indices S, T and H, 15-16inch. M+S marked.

Construction Technology



Tread Pattern Features



Features and Benefits

Low Noise for Optimum Driving Comfort
The circumferential shoulder rib reduces road noise, while the deployment of multi-wave sipes reduces saw-tooth wear thereby ensuring outstanding driving comfort.

Long Tire Life
The wide footprint with square shouldered tread and the new compound ensure a long tire life.

Superior Performance in the Wet and Snow
The double wide, straight grooves offer outstanding water evacuation. The contact patch has been optimised by means of advanced computer simulation technology in order to achieve outstanding handling in the wet and snow.

Dimensions Open Country H/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	75	31X10.50 R15	109S	WO	12.4	770	278	342	303	2349	8.5	7.00 - 9.00
		P225/75 R15	102S	WO	10.0	720	226	323	246	2196	6.0	6.00 - 7.50
		P235/75 R15	105S	WO	10.1	734	236	328	257	2239	6.5	6.00 - 8.00
	70	LT235/75 R15	104/101S	WO	11.1	731	241	327	263	2230	6.5	6.00 - 7.00
		205/70 R15	96H	BL	9.8	669	209	303	228	2040	6.0	5.00 - 7.00
		P225/70 R15	100T	WO	10.0	697	227	314	248	2126	6.5	6.00 - 7.50
16	85	235/70 R15	103T	WO	10.2	711	240	319	262	2169	7.0	6.00 - 8.00
		265/70 R15	112T	BL	10.4	752	269	335	293	2294	8.0	7.00 - 9.00
		LT215/85 R16	115S	BL	11.9	772	225	346	245	2355	6.0	5.50 - 7.00
	75	LT235/85 R16	120S	WO	12.1	807	238	359	259	2461	6.5	6.00 - 7.50
		225/75 R16	118S	WO	11.0	744	233	335	254	2269	6.0	6.00 - 7.00
		LT225/75 R16	115S	BL	11.0	743	230	334	251	2266	6.0	6.00 - 7.00
		245/75 R16	111S	WO	10.2	772	250	346	273	2355	7.0	6.50 - 8.00
		LT245/75 R16	120S	WO	12.1	773	252	346	275	2358	7.0	6.50 - 8.00
		265/75 R16	116T	WO	10.4	799	270	356	295	2437	7.5	7.00 - 9.00
	70	LT265/75 R16	112S	WO	12.4	802	274	357	299	2446	7.5	7.00 - 8.00
		LT265/75 R16	119S	WO	12.4	802	274	357	299	2446	7.5	7.00 - 8.00
		LT265/75 R16	123S	WO	12.4	802	274	357	299	2446	7.5	7.00 - 8.00
		LT285/75 R16	126S	WO	13.1	834	289	370	315	2544	8.0	7.50 - 9.00
		215/70 R16	100H	BL	9.9	709	221	321	241	2162	6.5	5.50 - 7.00
		225/70 R16	102T	WO	10.0	722	228	326	249	2202	6.5	6.00 - 7.50
		235/70 R16	106H	WO	10.2	734	238	331	259	2239	7.0	6.00 - 8.00
		245/70 R16	107H	WO	10.2	747	245	336	267	2278	7.0	6.50 - 8.00
		255/70 R16	111H	WO	10.3	763	257	342	280	2327	7.5	6.50 - 8.50
65	265/70 R16	112H	WO	10.4	779	268	349	292	2376	8.0	7.00 - 9.00	
	275/70 R16	114H	WO	10.5	792	279	354	304	2416	8.0	7.00 - 9.00	
	P275/70 R16	114H	BL	10.5	791	274	353	299	2413	8.0	7.00 - 9.00	
	215/65 R16	98H	BL	9.7	685	223	312	243	2089	6.5	6.00 - 7.50	
	P235/65 R16	101S	BL	9.9	712	243	322	265	2172	7.0	6.50 - 8.50	
	255/65 R16	109H	BL	10.1	738	260	333	283	2251	7.5	7.00 - 9.00	
60	215/60 R16	95H	BL	9.7	664	219	304	238	2025	6.5	6.00 - 7.50	
	235/60 R16	100H	BL	9.9	688	240	313	261	2098	7.0	6.50 - 8.50	

WO: White Outline Letter on sidewall

Dimensions Open Country H/T

OPEN COUNTRY A/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	80	LT235/80 R17	120S	BL	12.1	806	233	362	254	2458	6.5	6.00 - 7.50
	70	P235/70 R17	108S	WO	10.1	759	240	344	262	2315	7.0	6.00 - 8.00
		LT245/70 R17	119S	WO	12.2	775	248	350	270	2364	7.0	6.50 - 8.00
		265/70 R17	115T	WO	10.4	801	273	360	297	2443	8.0	7.00 - 9.00
		LT265/70 R17	121S	WO	12.4	802	272	360	296	2446	8.0	7.00 - 8.50
		P285/70 R17	117T	BL	10.7	830	289	371	315	2532	8.5	7.50 - 9.50
		LT285/70 R17	121S	WO	13.1	830	296	371	323	2532	8.5	7.50 - 9.00
	65	225/65 R17	102H	BL	9.8	724	226	330	246	2208	6.5	6.00 - 8.00
		235/65 R17	108V	WO	9.9	739	238	336	259	2254	7.0	6.50 - 8.50
		245/65 R17	107H	WO	10.1	750	248	340	270	2288	7.0	7.00 - 8.50
		P245/65 R17	105H	WO	10.0	749	247	340	269	2284	7.0	7.00 - 8.50
		255/65 R17	110H	WO	10.1	766	261	346	284	2336	7.5	7.00 - 9.00
P255/65 R17		108S	WO	10.1	764	262	345	286	2330	7.5	7.00 - 9.00	
265/65 R17		112H	WO	10.3	777	271	351	295	2370	8.0	7.50 - 9.50	
275/65 R17		115H	WO	10.4	790	279	356	304	2410	8.0	7.50 - 9.50	
60		235/60 R17	102H	WO	9.9	715	239	326	261	2181	7.0	6.50 - 8.50
		255/60 R17	106H	BL	10.2	738	261	335	284	2251	7.5	7.00 - 9.00
	225/55 R17	101H XL	BL	9.8	681	224	313	244	2077	7.0	6.00 - 8.00	
55	235/55 R17	99H	BL	10.0	690	239	317	261	2105	7.5	6.50 - 8.50	
	18	225/65 R18	103H	BL	9.8	751	225	343	245	2291	6.5	6.00 - 8.00
P235/65 R18		104T	BL	9.9	766	244	349	266	2336	7.0	6.50 - 8.50	
P265/65 R18		112S	BL	10.2	800	271	362	295	2440	8.0	7.50 - 9.50	
60		235/60 R18	107V XL	BL	8.5	739	240	339	262	2254	7.0	6.50 - 8.50
		P245/60 R18	104H	BL	10.0	753	245	344	267	2297	7.0	7.00 - 8.50
		255/60 R18	112H XL	BL	10.1	762	257	347	280	2324	6.5	7.00 - 9.00
55		265/60 R18	110H	WO	10.2	776	271	353	295	2367	8.0	7.50 - 9.50
		P275/60 R18	111H	BL	10.3	782	276	355	300	2385	8.0	7.50 - 9.50
		235/55 R18	100V	BL	8.0	715	245	329	267	2181	7.5	6.50 - 8.50
		255/55 R18	109V XL	BL	9.7	738	264	338	288	2251	8.0	7.00 - 9.00
19		P245/55 R19	103S	BL	10.0	754	245	347	267	2300	7.5	7.00 - 8.50
		255/55 R19	111V XL	BL	9.7	762	265	350	289	2324	8.0	7.00 - 9.00
20	60	P275/60 R20	114S	BL	10.3	841	277	384	302	2565	8.0	7.50 - 9.50
	55	P235/55 R20	102T	BL	9.9	768	238	355	259	2342	7.5	6.50 - 8.50
22	50	265/50 R20	111V XL	BL	8.6	773	278	357	303	2358	8.5	7.50 - 9.50
	45	285/45 R22	114H XL	BL	9.7	814	285	379	311	2483	9.5	9.00 - 10.50

WO: White Outline Letter on sidewall

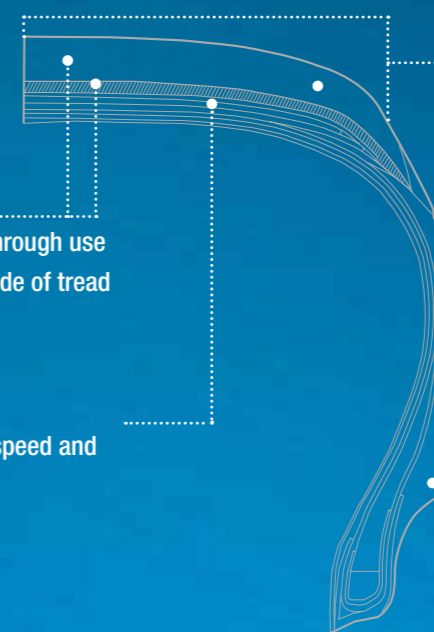


➤ All terrain tire for off-road and SUV vehicles. Open, purposeful tread design offers outstanding traction in wet and snow. Open Country A/T also delivers a comfortable ride and high mileage. Speed Indices Q, R, S, T and H, 14-22inch. M+S marked.

Construction Technology

Cap/Base Construction
Improved driving comfort through use of special rubber in underside of tread

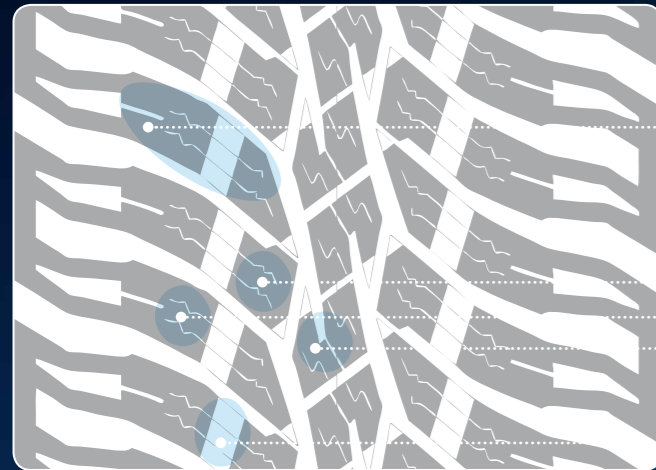
Spiral Winding of Cap Ply
Fatigue resistance at high speed and high degree of uniformity



Outstanding Belt Strength
Attractive tread design and long tire life

Rim Protection

Tread Pattern Features



Linked Blocks
Good adhesion in dry conditions and excellent steering precision

Wave-Shaped Sipes
Shorter braking distance in the wet and higher driving comfort

Sipes in Groove
Good adhesion, particularly in the wet and snow

Features and Benefits

Newly Developed Tread Material
Long tire life

Cap/Base Construction
Improved driving comfort through the use of special rubber in underside of the tread

Compound for Excellent Adhesion in the Wet
Outstanding wet braking

Dimensions Open Country A/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
14	70	P225/70 R14	98S	WO	10.0	676	226	303	246	2062	6.5	6.00 - 7.50
		30X9.50 R15	104S	WO	12.4	746	245	333	267	2275	7.5	6.50 - 8.50
		31X10.50 R15	109S	WO	12.4	771	273	343	298	2352	8.5	7.00 - 9.00
		33X12.50 R15	108Q	BL	13.1	828	317	365	346	2525	10.0	8.50 - 11.00
15	75	P205/75 R15	97S	WO	9.8	691	206	311	225	2108	5.5	5.00 - 7.00
		P215/75 R15	100S	BL	9.9	705	219	317	239	2150	6.0	5.00 - 7.00
		P225/75 R15	102S	WO	10.0	721	225	323	245	2199	6.0	6.00 - 7.50
		P235/75 R15	105S	WO	10.1	734	239	328	261	2239	6.5	6.00 - 8.00
	75	P235/75 R15	108S	WO	10.1	735	239	337	261	2240	6.5	6.00 - 8.00
		LT235/75 R15	104S	BL	11.1	731	235	327	256	2230	6.5	6.00 - 7.00
		P265/75 R15	112S	WO	10.4	779	261	346	284	2376	7.5	7.00 - 9.00
		215/70 R15	98H	BL	10.0	686	212	309	231	2091	6.5	5.50 - 7.00
	70	P225/70 R15	100T	WO	10.0	700	226	315	246	2135	6.5	6.00 - 7.50
		P235/70 R15	102S	WO	10.1	710	235	319	256	2166	7.0	6.00 - 8.00
		255/70 R15	112S	BL	12.3	739	260	330	283	2254	7.5	7.00 - 8.00
		P265/70 R15	110S	BL	10.4	753	265	336	289	2297	8.0	7.00 - 9.00
16	85	LT215/85 R16	110Q	BL	11.9	774	218	347	238	2361	6.0	5.50 - 7.00
		LT215/85 R16	115Q	BL	11.9	774	218	347	238	2361	6.0	5.50 - 7.00
		LT235/85 R16	120Q	BL	12.1	808	239	360	261	2464	6.5	6.00 - 7.00
	75	P225/75 R16	104S	BL	10.0	747	226	336	246	2278	6.0	6.00 - 7.50
		LT225/75 R16	110Q	BL	11.0	742	225	334	245	2263	6.0	6.00 - 7.50
		LT225/75 R16	115Q	BL	11.0	742	225	334	245	2263	6.0	6.00 - 7.50
		P235/75 R16	106T	WO	10.1	759	236	341	257	2315	6.5	6.00 - 8.00
		P245/75 R16	109S	WO	10.2	775	250	347	273	2364	7.0	6.50 - 8.00
		LT245/75 R16	108S	BL	10.2	775	250	347	273	2349	7.0	6.50 - 8.00
		LT245/75 R16	120Q	BL	10.2	775	250	347	273	2355	7.0	6.50 - 8.00
		P265/75 R16	114S	WO	10.4	804	261	358	284	2452	7.5	7.00 - 9.00
		LT265/75 R16	112S	WO	12.4	882	271	357	295	2446	7.5	7.00 - 8.00
LT265/75 R16		119Q	WO	12.4	882	271	357	295	2446	7.5	7.00 - 8.00	
LT265/75 R16		119Q	BL	12.4	882	271	357	295	2449	7.5	7.00 - 8.00	
LT285/75 R16		122Q	WO	13.1	830	288	368	314	2532	8.0	7.50 - 9.00	
70	LT315/75 R16	121Q	WO	13.1	877	319	387	347	2675	8.5	8.00 - 10.00	
	P215/70 R16	99S	BL	9.9	711	218	322	238	2169	6.5	5.50 - 7.00	
	225/70 R16	102S	WO	10.0	726	226	328	246	2214	6.5	6.00 - 7.50	
	P225/70 R16	101S	WO	10.0	726	226	328	246	2214	6.5	6.00 - 7.50	
	P235/70 R16	104T	BL	10.1	734	239	331	261	2239	7.0	6.00 - 8.00	
	P235/70 R16	104T	WO	10.1	735	235	331	256	2239	7.0	6.00 - 8.00	
	P235/70 R16	104T	BL	10.1	734	239	331	261	2239	7.0	6.00 - 8.00	
	245/70 R16	111S XL	WO	10.2	746	249	336	271	2275	7.0	6.50 - 8.00	
	P245/70 R16	106S	WO	10.2	745	243	335	265	2272	7.0	6.50 - 8.00	
	P255/70 R16	109S	WO	10.3	764	247	343	269	2330	7.5	6.50 - 8.50	
	P255/70 R16	109S	BL	10.3	764	247	343	269	2330	7.5	6.50 - 8.50	
	265/70 R16	112T	WO	10.3	777	271	348	295	2370	8.0	7.00 - 9.00	
65	LT265/70 R16	117S	WO	12.4	776	272	348	297	2368	8.0	7.00 - 8.50	
	P275/70 R16	114H	BL	10.5	795	273	355	298	2425	8.0	7.00 - 9.00	
	LT305/70 R16	124Q	WO	13.1	830	312	368	340	2532	9.0	8.00 - 9.50	
	255/65 R16	109H	BL	10.2	745	254	335	277	2272	7.5	7.00 - 9.00	
	LT365/65 R16	125R	BL	13.1	886	368	390	401	2702	11.0	10.00 - 11.50	

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Dimensions Open Country A/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	80	LT235/80 R17	120S	WO	12.1	806	235	362	257	2459	6.5	6.00 - 7.50
		LT245/75 R17	121S	WO	12.1	799	251	359	274	2438	7.0	6.50 - 7.50
		LT285/75 R17	128S	WO	13.1	860	286	383	311	2622	8.0	7.50 - 9.50
	75	P235/75 R17	108S	WO	10.1	784	236	353	257	2318	6.5	6.00 - 8.00
		P245/75 R17	110S	WO	10.2	799	250	359	273	2437	7.0	6.50 - 8.00
		P255/75 R17	113S	WO	10.3	815	253	365	276	2486	7.0	6.50 - 8.50
		LT245/70 R17	119S	WO	12.1	775	247	350	269	2364	7.0	6.50 - 8.00
		LT265/70 R17	121S	BL	12.4	802	273	360	298	2446	8.0	7.00 - 8.50
	70	LT265/70 R17	121S	WO	12.4	804	272	361	296	2452	8.0	7.00 - 8.50
		LT285/70 R17	121S	WO	13.1	830	288	371	314	2532	8.5	7.50 - 9.00
		LT285/70 R17	126S	WO	13.2	830	291	371	317	2532	8.5	7.50 - 9.00
		LT325/70 R17	122R	BL	13.3	886	330	393	360	2702	9.5	8.50 - 11.00
		LT355/70 R17	127R	BL	13.3	928	360	409	392	2830	10.5	9.50 - 11.00
		P235/70 R17	108S	WO	10.1	760	243	344	265	2318	7.0	6.00 - 8.00
		P245/70 R17	108S XL	WO	10.2	776	248	350	270	2367	7.0	6.50 - 8.00
		P255/70 R17	110S	WO	10.3	790	259	356	282	2410	7.5	6.50 - 8.50
	65	P265/70 R17	113S	WO	10.4	802	274	360	299	2446	8.0	7.00 - 9.00
		P285/70 R17	117T	WO	10.3	760	282	344	307	2532	8.0	7.00 - 9.50
		225/65 R17	102H	WO	9.8	724	226	330	246	2208	6.5	6.00 - 8.00
		245/65 R17	111H XL	WO	10.0	750	246	340	268	2288	7.0	7.00 - 8.50
255/65 R17		110H	WO	10.1	767	260	347	283	2339	7.5	7.00 - 9.00	
265/65 R17		112S	WO	10.2	775	270	350	294	2363	8.0	7.50 - 9.50	
60	275/65 R17	115T	BL	10.4	788	280	355	305	2485	8.0	7.50 - 9.50	
	P235/65 R17	103H	WO	9.9	736	239	335	261	2245	7.0	6.50 - 8.50	
	P245/65 R17	105T	WO	10.0	749	245	340	267	2284	7.0	7.50 - 8.50	
	235/60 R17	102H	BL	10.0	714	240	326	262	2178	7.0	6.50 - 8.50	
18	75	P275/60 R17	110T	WO	10.3	760	282	344	307	2318	8.0	7.50 - 9.50
		LT285/75 R18	129S	BL	13.2	885	285	395	311	2699	8.0	7.50 - 9.50
	70	LT275/70 R18	125S	WO	12.4	843	279	379	304	2562	8.0	7.00 - 8.50
		P255/70 R18	112T	WO	10.7	816	261	368	284	2488	7.5	6.50 - 8.50
		P265/70 R18	114S	WO	10.5	829	272	374	296	2528	8.0	7.00 - 9.00
	65	LT275/65 R18	123S	WO	12.4	813	274	367	299	2479	8.0	7.50 - 9.00
		LT285/65 R18	125S	WO	13.1	825	290	372	316	2515	8.5	8.00 - 10.00
		LT325/65 R18	121R	BL	13.1	886	330	396	360	2702	9.5	9.00 - 10.00
		LT355/65 R18	125R	BL	13.1	932	356	414	388	2843	10.5	10.00 - 11.00
		P265/65 R18	112S	WO	10.2	803	269	363	293	2449	8.0	7.50 - 9.50
	60	P275/65 R18	114T	WO	10.3	815	280	368	305	2486	8.0	7.00 - 9.50
		285/60 R18	120S	BL	10.8	795	292	360	318	2425	8.5	8.00 - 10.00
LT325/60 R18		119S	BL	12.4	839	320	378	348	2559	9.5	9.50 - 10.50	
20	65	P265/60 R18	109S	BL	10.2	777	272	353	296	2370	8.0	7.50 - 9.50
		255/55 R18	109H	BL	9.7	737	262	338	285	2272	8.0	7.00 - 9.00
	60	LT275/65 R20	126S	WO	12.8	864	279	393	304	2634	8.0	7.50 - 9.50
		LT305/60 R20	123S	BL	12.4	872	319	396	348	2660	9.0	8.50 - 11.00
		LT325/60 R20	121R	BL	12.4	893	327	404	356	2724	9.5	9.50 - 10.50
	55	P275/60 R20	114T	WO	10.3	835	279	382	304	2547	8.0	7.50 - 9.50
		LT285/55 R20	122S	WO	12.4	821	297	376	324	2504	9.0	8.00 - 10.00
		LT305/55 R20	121S	BL	12.4	844	316	385	344	2574	9.5	9.00 - 10.00
	50	P275/55 R20	111S	WO	10.3	809	285	371	311	2467	8.5	7.50 - 9.50
		285/50 R20	116T XL	BL	9.8	795	293	366	319	2425	9.0	8.00 - 10.00
LT305/50 R22		119S	BL	12.4	862	315	398	343	2629	9.5	8.00 - 11.00	
LT325/50 R22		122R	BL	13.1	885	329	407	359	2699	10.0	9.50 - 10.50	
22	45	305/45 R22	118S	BL	11.0	829	302	385	329	2528	10.0	9.50 - 11.50
		305/40 R22	114S	BL	11.1	802	309	374	337	2446	11.0	10.00 - 12.00

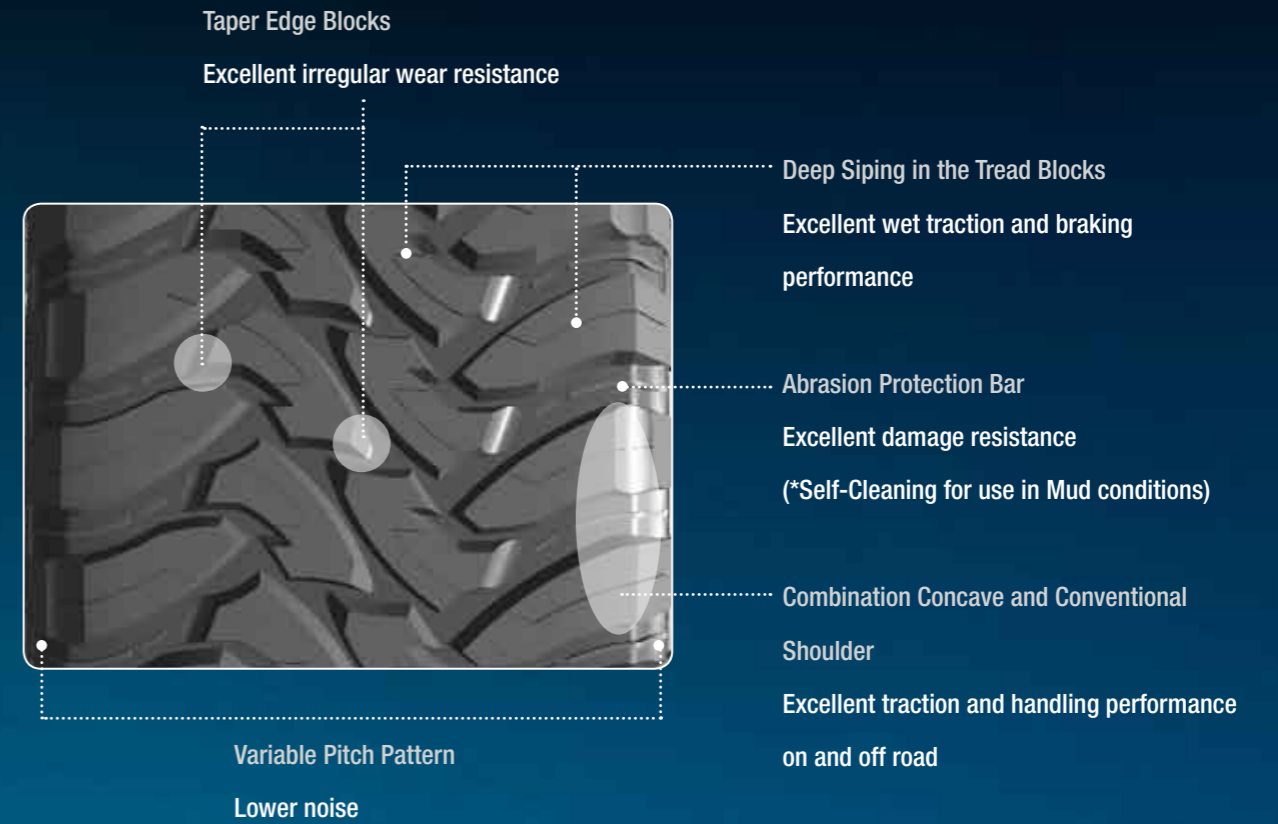


OPEN COUNTRY M/T



Off-road tires for extreme terrain use. Specially designed tread blocks for optimum traction and self-cleaning. Reinforced sides against cutting and collision damage. Speed index P, 16 inch. M+S marked.

Tread Pattern Features



Construction Technology



Dimensions Open Country M/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	85	LT235/85 R16	120/116P	14.6	813	240	378	260	2483	6.5	6.00 - 7.50
		LT255/85 R16	123/120P	15.0	851	260	396	285	2599	7.0	6.50 - 8.00
	75	LT245/75 R16	120/116P	14.6	782	253	364	268	2388	7.0	6.50 - 8.00
		LT265/75 R16	123P	15.0	810	275	377	290	2473	7.5	7.00 - 8.00

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Tranpath S/U



A tire for small and medium size SUV vehicles, Tranpath S/U offers handling, ride comfort and reduced noise along with stable wet road performance.

Dimensions Tranpath S/U

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	80	195/80 R15	96S	9.7	691	197	311	215	2108	5.5	5.00 - 6.50
16	80	205/80 R16	104T XL	9.9	728	207	284	217	2220	5.5	5.50 - 7.00

600HT



This is a wide tread profile tire designed for all-season road handling and response. A high friction coefficient tread compound and cap/base construction adds increased tire durability for high-speed stability on dry roads.

Dimensions 600HT

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	70	255/70 R15	108T	9.3	739	260	330	277	2231	7.5	6.50 - 8.50

785



Toyo 785 is a hard working tire for off and on road use. Specially designed for those working in the field, the 785 combines excellent traction in muddy areas with good road manners.

M+S marked.

Dimensions 785

RIM DIA.	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
				OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	195 R15	94S	10.6	692	198	310	222	2111	5.5	5.00 - 6.50
	215 R15	100S	11.1	722	219	321	246	2202	6.0	5.50 - 7.00
16	205 R16	104S	11.0	737	207	342	227	2248	6.0	5.00 - 7.00

600+4



Toyo 600+4 is a road based tire with a wide tread profile tire suitable for 4x4s where road handling and responsive steering is required. Highly stable at speed, 600+4 also gives excellent mileage.

Dimensions 600+4

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	60	P255/60 R15	102H	8.1	685	255	309	280	2067	7.5	7.00 - 10.00
		P275/60 R15	107H	8.5	709	275	309	304	2124	8.0	7.50 - 9.00
	50	P295/50 R15	105H	9.0	673	301	297	313	2011	9.0	8.50 - 10.00

OPEN COUNTRY W/T



Open Country W/T is a highway winter tire for SUVs. As with the passenger car tire winter range, it was developed to offer safe and easy driving in winter and wet conditions.

With functional and asymmetrical tread pattern, a new tire profile design and newly developed silica compound, Open Country W/T provides firm ground contact, resulting in excellent handling and performance on either wet or snowy road surfaces.

M+S marked.

Tread Pattern Features



Multi Wave Sipe
Stable handling in both wet and dry
Better irregular wear resistance

Lateral Grooves
Lateral grooves with long biting edges
for better traction

Shallow Sipe
Assists snow and ice grip

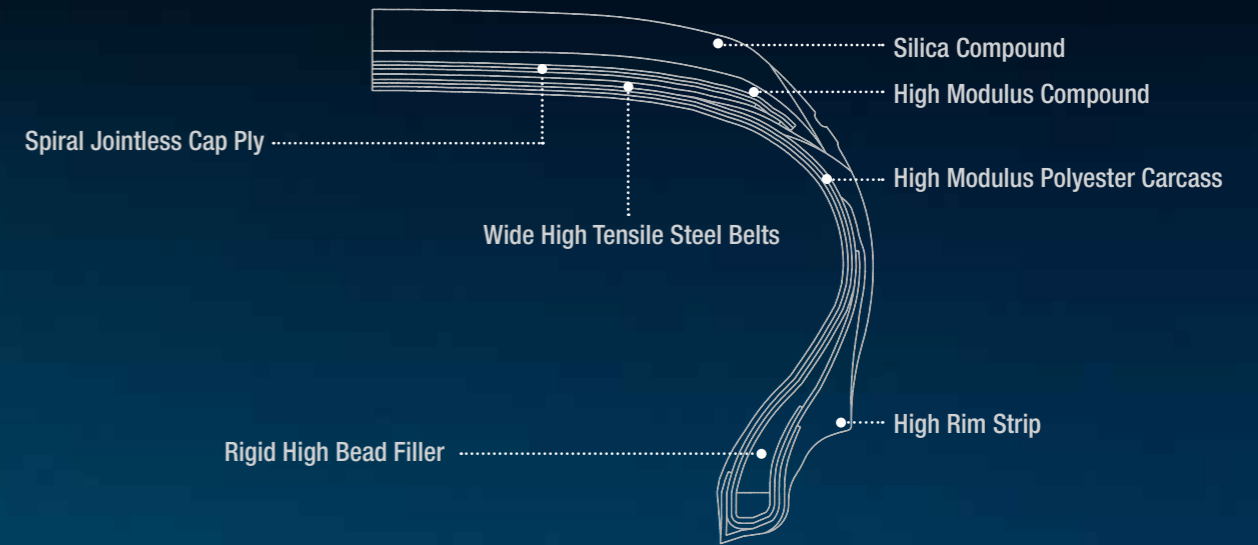
Triple Wide Straight Groove
Excellent water drainage

Asymmetric Design
Excellent snow handling
and traction

Silica Compound
Excellent wet handling; shorter braking distance
wet roads especially vehicles with ABS system

Tread Compound
Thermo-elastic tread compound with wide
operating temperature range (- 15 to 23 degrees)

Construction Technology



Dimensions Open Country W/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	70	205/70 R15	96T	8.9	668	210	302	229	2037	6.0	5.00 - 7.00
		215/70 R15	98T	9.0	682	224	308	229	2080	6.5	5.50 - 7.00
16	75	225/75 R16	104T	9.1	743	224	334	244	2266	6.0	6.00 - 7.50
		215/70 R16	100T	9.0	707	222	320	242	2156	6.5	7.50 - 7.00
		235/70 R16	106H	9.2	736	246	332	268	2245	7.0	6.00 - 8.00
	70	245/70 R16	107H	9.3	749	246	337	268	2284	7.0	6.50 - 8.00
		255/70 R16	111T	9.4	768	261	344	284	2342	7.5	6.50 - 8.50
		265/70 R16	112H	9.5	777	273	348	298	2370	8.0	7.00 - 9.00
65	205/65 R16	95H	8.9	670	209	306	228	2044	6.0	5.50 - 7.50	
	215/65 R16	98H	9.0	685	220	312	240	2089	6.5	6.00 - 7.50	
60	235/60 R16	100H	8.8	687	240	313	262	2095	7.0	6.50 - 8.50	
17	65	225/65 R17	102H	9.1	723	229	329	249	2205	6.5	6.00 - 8.00
		235/65 R17	104H	9.2	737	237	335	258	2248	7.0	6.50 - 8.50
		235/65 R17	108V XL	9.2	737	240	335	261	2248	7.0	6.50 - 8.50
	255/65 R17	110H	9.4	765	262	346	286	2333	7.5	7.00 - 9.00	
	60	215/60 R17	96V	9.0	686	215	315	234	2092	6.5	6.00 - 7.50
		235/60 R17	102H	8.8	713	239	326	260	2175	7.0	6.50 - 8.50
255/60 R17		106H	9.0	736	262	335	286	2245	7.5	7.00 - 9.00	
55	235/55 R17	103V XL	8.8	695	243	318	265	2120	7.5	6.50 - 8.50	
	275/55 R17	109H	9.2	733	283	333	308	2236	8.5	7.50 - 9.50	
50	255/50 R17	101V	9.0	688	259	316	282	2098	8.0	7.00 - 9.00	
18	65	225/65 R18	103H	9.1	748	227	342	247	2281	6.5	6.00 - 8.00
		235/60 R18	107V XL	8.8	738	238	338	259	2251	7.0	6.50 - 8.50
		265/60 R18	110H	9.1	775	272	352	297	2364	8.0	7.50 - 9.50
	55	215/55 R18	95H	8.6	691	219	320	239	2108	7.0	6.00 - 7.50
		225/55 R18	98V	8.7	706	230	326	251	2153	7.0	6.00 - 8.00
		255/55 R18	109H XL	9.0	735	263	337	287	2242	8.0	7.00 - 9.00
50	255/55 R18	109V XL	9.0	736	265	337	289	2245	8.0	7.00 - 9.00	
	235/50 R18	101V XL	8.8	695	238	321	259	2120	7.5	6.50 - 8.50	
	245/45 R18	100H XL	8.9	680	244	315	266	2074	8.0	7.50 - 9.00	
19	50	255/50 R19	107V XL	9.0	740	257	342	280	2257	8.0	7.00 - 9.00
	45	275/45 R20	110V XL	8.9	756	271	351	295	2306	9.0	8.50 - 10.50
20	40	275/40 R20	106V XL	8.9	731	270	341	2694	2230	9.5	9.00 - 11.00
		295/40 R20	110V XL	8.6	742	298	345	325	2263	10.5	10.00 - 11.50

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Winter TRANPATH S1



Technical evolution has progressed winter tire performance to new levels in Winter Tranpath S1.

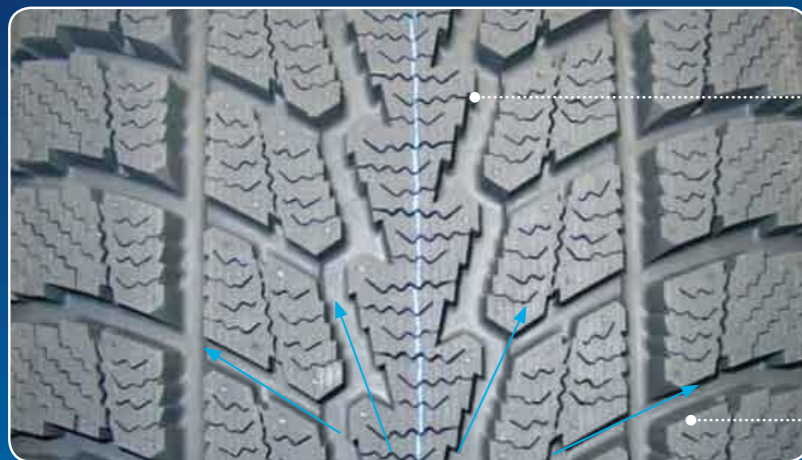
Specially tuned for use on Sport Utility and Crossover Vehicles, TOYO TIRES Winter Tranpath S1 optimizes the extreme winter performance necessary in a very cold climate.

M+S marked.

Tread Pattern Features

Wider Tread
Bigger sipes angle

Bigger sipes angle
More edge effect



Smaller teeth of saw at block edge improve edge effect

Armour Sipe
More edge effect

Circumferential Sipe
Side edge effect

Dimensions Winter Tranpath S1

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)		
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)					
15	80	30X9.50 R15	104Q 6PR	14.2	750	247	334	269	2288	7.5	6.50 - 8.50		
		31X10.50 R15	109Q 6PR	14.2	778	276	345	301	2373	8.5	7.00 - 8.50		
		175/80 R15	90Q	10.1	662	179	300	195	2019	5.0	4.50 - 6.00		
		195/80 R15	96Q	10.6	694	199	313	217	2117	5.5	5.00 - 6.50		
		215/80 R15	109/107L	11.1	726	219	325	239	2214	6.0	5.50 - 7.00		
		215/80 R15	112/110L	11.1	726	219	325	239	2214	6.0	5.50 - 7.00		
	70	215/80 R15	102Q	11.1	726	219	325	239	2214	6.0	5.50 - 7.00		
		225/80 R15	105Q	11.1	742	226	331	246	2263	6.0	6.00 - 7.50		
		205/70 R15	96Q	10.6	670	209	303	228	2044	6.0	5.00 - 7.00		
		215/70 R15	98Q	10.6	686	222	309	242	2092	6.5	5.50 - 7.00		
		225/70 R15	100Q	11.1	698	229	314	250	2129	6.5	6.00 - 7.50		
		235/70 R15	103Q	11.1	712	242	320	264	2172	7.0	6.00 - 8.00		
16	80	265/70 R15	112Q	11.6	754	275	336	300	2300	8.0	7.00 - 9.00		
		175/80 R16	91Q	10.1	687	179	313	195	2095	5.0	4.50 - 6.00		
		215/80 R16	103Q	11.1	751	219	338	239	2291	6.0	5.00 - 7.00		
	70	215/70 R16	100Q	10.6	709	222	321	242	2162	6.5	5.50 - 7.00		
		225/70 R16	103Q	11.1	723	231	327	252	2205	6.5	6.00 - 7.50		
		235/70 R16	106Q	11.1	737	242	332	264	2248	7.0	6.00 - 8.00		
		245/70 R16	107Q	11.1	751	250	338	273	2291	7.0	6.50 - 8.00		
		265/70 R16	112Q	11.6	779	275	349	300	2376	8.0	7.00 - 9.00		
		275/70 R16	114Q	11.6	793	282	354	307	2419	8.0	7.00 - 9.00		
	65	215/65 R16	98Q	10.6	687	219	313	239	2095	6.5	6.00 - 7.50		
	60	215/60 R16	95Q	10.6	667	219	305	239	2034	6.5	6.00 - 7.50		
		235/60 R16	100Q	10.6	691	238	314	259	2108	7.0	6.50 - 8.50		
225/65 R17		102Q	10.6	726	226	331	246	2214	6.5	6.00 - 8.00			
17	65	235/65 R17	104Q	10.6	738	237	335	258	2251	7.0	6.50 - 8.50		
		265/65 R17	112Q	11.6	780	273	352	298	2379	8.0	7.50 - 9.50		
		275/65 R17	115Q	11.6	794	279	357	304	2422	8.0	7.50 - 9.50		
		215/60 R17	96Q	10.6	693	219	318	239	2114	6.5	6.00 - 7.50		
	60	225/60 R17	99Q	10.6	705	227	322	247	2150	6.5	6.00 - 8.00		
		225/65 R18	103Q	10.6	751	226	343	246	2291	6.5	6.00 - 8.00		
18	65	235/65 R18	106Q	10.7	765	238	349	259	2333	7.0	6.50 - 8.50		
		225/60 R18	100Q	10.6	730	221	335	241	2227	6.5	6.00 - 8.00		
		235/60 R18	103Q	10.6	745	238	341	259	2272	7.0	6.50 - 8.50		
		265/60 R18	110Q	11.6	785	269	356	294	2394	8.0	7.50 - 9.50		
		275/60 R18	113Q	11.6	795	279	360	304	2425	8.0	7.50 - 9.50		
		215/55 R18	95Q	10.6	701	223	324	244	2138	7.0	6.00 - 7.50		
	55	225/55 R18	98Q	10.6	705	233	325	254	2150	7.0	6.00 - 8.00		
		235/55 R18	100Q	10.6	720	243	331	265	2196	7.5	6.50 - 8.50		
		255/55 R18	109Q XL	10.6	740	261	339	284	2257	8.0	7.00 - 9.00		
		21	45	265/45 R21	104Q	10.9	775	259	361	282	2364	9.0	8.50 - 10.00

OPEN COUNTRY I/T



The studdable TOYO TIRES Open Country I/T, has been developed to give excellent performance in severe winter conditions for Sport Utility Vehicles (SUV).

The directional tread design and the tread compound with stud pins offer superb braking and accelerating on icy, snowy and slushy roads without sacrificing tire life.

M+S marked.



Excellent Ice Performance

High density wavy sipe

Wide tread and large crown radius

Effective stud-hole arrangement

Superb Snow Performance

Uni-directional tread pattern

Sawtooth-edged block

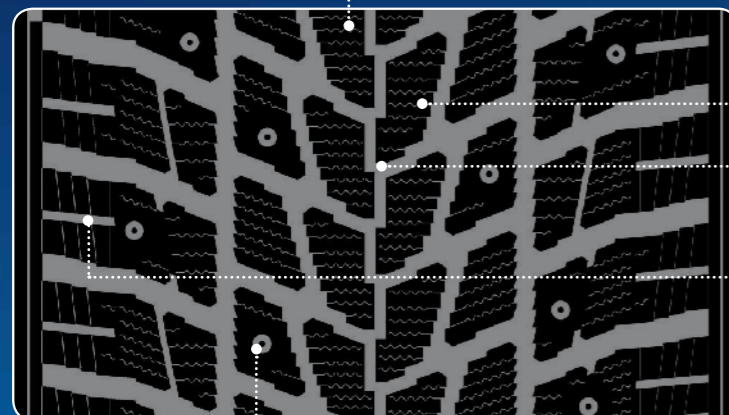
Twin shoulder block

Superior Dry Performance

Wide tread and large crown radius

Optimized pattern arrangement (T-mode)

Tread Pattern Features



Excellent Ice Traction
High density wave sipe
Effective stud-hole arrangement

Superb Snow Traction
Saw-tooth Edged Block
Interlocking Block Shape

Superior Snow Handling
Twin shoulder block

Low Pattern Noise
Optimized pattern arrangement

Excellent Stud Pin Retention
Block design and stud hole arrangement
Tread compound for SUV

Dimensions Open Country I/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	75	LT245/75 R16	120Q	12.5	772	250	346	272	2355	7.0	6.50 - 8.00
	70	215/70 R16	100T	10.6	706	217	320	237	2153	6.5	5.50 - 7.00
		225/70 R16	107T XL	10.1	721	228	326	248	2199	6.5	6.00 - 7.50
		245/70 R16	107T	11.1	744	249	335	272	2269	7.0	6.50 - 8.00
		265/70 R16	112T	11.6	776	278	347	303	2367	8.0	7.00 - 9.00
	65	275/70 R16	114T	11.6	790	289	353	315	2410	8.0	7.00 - 9.00
215/65 R16		98T	10.6	684	221	311	241	2086	6.5	6.00 - 7.50	
17	60	255/65 R16	109T	11.1	745	260	335	283	2272	7.5	7.00 - 9.00
		235/60 R16	100T	10.6	690	235	214	256	2105	7.0	6.50 - 8.50
	65	235/65 R17	108T XL	11.1	736	236	335	257	2245	7.0	6.50 - 8.50
18	60	265/65 R17	112T	11.6	778	271	351	295	2373	8.0	7.50 - 9.50
		275/65 R17	115T	11.6	792	276	356	301	2416	8.0	7.50 - 9.50
	55	235/60 R18	107T XL	11.1	737	230	338	250	2248	7.0	6.50 - 8.50
20	60	255/55 R18	109T XL	10.1	736	260	337	283	2245	8.0	7.00 - 9.00
		275/60 R20	115T	11.6	838	274	383	299	2556	8.0	7.50 - 9.50
	50	265/50 R20	111T XL	10.2	772	271	357	295	2355	8.5	7.50 - 9.50

All Toyo brand tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.



Original Equipment

Optimum products can only be obtained if you know what demands they are expected to fulfil. For that reason we concentrate on the perfect combination of road and tires. It goes without saying that each TOYO tire undergoes an extensive research, development and test phase to achieve this.

Only repeatedly tried and tested high quality and effective materials can produce the road performance which has distinguished us for years. We make the highest demands not only of road performance and safety, but also of attractive design so you can expect innovation from TOYO TIRES for a first-class driving experience.

Innovations for a first class ride.

Tire Size	Pattern	Vehicle	Model	Model Year
265/35 R19 98Y	Proxes T1-AO	Audi	RS5	03.10 -
265/35 R19 98Y	Proxes T1-AO	Audi	S6	03.09 -
255/35 R19 96Y	Proxes T1 Sport R01	Audi	TT RS	06.09 -
255/35 R19 96Y	Proxes T1 Sport AO	Audi	TT/TTS	06.09 -
255/55 R18 109H	Open Country W/T	Audi	Q7	01.11 -
205/70 R15 95S	Tranpath J30A	Daihatsu	Terios	04.01 - 10.05
215/65 R16 98S	Tranpath J48B/A	Daihatsu	Terios	11.05 -
215/70 R16 100T	Tranpath A11B	Lexus	RX300	10.00 - 05.03
225/45 R17 90W	Proxes R32/R32A	Lexus	IS250/220d	10.05 -
245/45 R17 95W	Proxes R32/R32A	Lexus	IS250/220d	10.05 -
185/55 R15 82V	Toyo R27C/A	Mazda	2	10.07 -
195/45 R16 80W	Proxes R31C/A	Mazda	2	10.07 -
205/55 R16 91V	Toyo J48E/D	Mazda	3	04.09 -
205/50 R17 89W	Proxes R32B/A	Mazda	3	04.09 -
205/55 R16 91V	Toyo J48E	Mazda	5	03.05 -
215/55 R17 94V	Toyo J48A	Mazda	6	04.10 -
185/65 R14 86T	Tranpath J38	Mazda	Premacy	07.99 - 02.05
195/55 R15 85V	Tranpath R23	Mazda	Premacy	07.99 - 02.05
195/60 R15 88H	Toyo J50	Nissan	Cube	08.09 - 07.10
195/55 R16 87V	Toyo J50	Nissan	Cube	08.09 - 07.10
215/70 R15 98S	Tranpath A14	Nissan	X-Trail	07.01 - 05.07
215/70 R15 98H	Tranpath A14	Nissan	X-Trail	12.03 - 05.07
215/65 R16 98H	Open Country A19A/A19	Nissan	X-Trail	06.07 -
215/55 R18 95H	Open Country A20/A20A	Nissan	X-Trail	03.09 -
225/40 ZR18 92Y	Proxes R888	Renault	Megane R26.R	10.08 -
195 R15 LT 106S	Toyo H07A	Toyota	Hiace	12.04 -
P245/70 R17 108S	Open Country A21	Toyota	Land Cruiser	09.09 -
215/70 R16 99H	Tranpath A14	Toyota	RAV4	02.01 - 10.06
235/60 R16 100H	Tranpath A11	Toyota	RAV4	02.01 - 02.06
215/70 R16 99H	Tranpath A14 F/G	Toyota	RAV4	11.06 -
215/45 R17 87W	Proxes R30/R30A	Toyota	PRIUS	06.09 -



PROXES T1 Sport



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
19	35	255/35 R19	96Y XL	PXTSA	7.9	659	260	310	283	2010	9.0	8.50 - 10.00
		255/35 R19	96Y XL	PXTSR	7.5/6.2	659	260	310	283	2010	9.0	8.50 - 10.00



PROXES T1 AO



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
19	35	265/35 R19	98Y XL	PXT1A0	7.3/6.7	667	273	313	298	2034	9.5	9.00 - 10.50



PROXES R888



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
18	40	225/40 ZR18	92Y XL	5.0	638	224	299	244	1946	8.0	7.50 - 9.00



PROXES R32



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	50	205/50 R17	89W	PXR32B	LHD	7.7/7.4	637	216	296	235	1943	6.5	5.50 - 7.50
		205/50 R17	89W	PXR32A	RHD	7.7/7.4	637	216	296	235	1943	6.5	5.50 - 7.50
	45	225/45 R17	90W	PXR32	LHD	7.7/7.4	633	242	294	264	1931	8.0	7.00 - 8.50
		225/45 R17	90W	PXR32A	RHD	7.7/7.4	633	242	294	264	1931	8.0	7.00 - 8.50
		245/45 R17	95W	PXR32	LHD	7.7/7.4	649	242	301	264	1979	8.0	7.50 - 9.00
		245/45 R17	95W	PXR32A	RHD	7.7/7.4	649	242	301	264	1979	8.0	7.50 - 9.00



PROXES R31



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	45	195/45 R16	80W	PXR31C	LHD	7.7	583	201	272	219	1778	6.5	6.00 - 7.50
		195/45 R16	80W	PXR31A	RHD	7.7	583	201	272	219	1778	6.5	6.00 - 7.50



PROXES R30



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	45	215/45 R17	87W	PXR30	LHD	7.5/7.3	629	218	293	238	1918	7.0	7.00 - 8.00
		215/45 R17	87W	PXR30A	RHD	7.5/7.3	629	218	293	238	1918	7.0	7.00 - 8.00



Original Equipment



OPEN COUNTRY W/T



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
18	55	255/55 R18	109H	OPWT	9.0	735	263	337	287	2242	8.0	7.00 - 9.00



OPEN COUNTRY A21



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17	70	P245/70 R17	108S	OPA21	LHD	9.7	774	246	349	268	2361	7.0	6.50 - 8.00



OPEN COUNTRY A20



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
18	55	215/55 R18	95H	OPA20	LHD	7.9	694	223	321	234	2117	7.0	6.00 - 7.50
		215/55 R18	95H	OPA20A	RHD	7.9	694	223	321	234	2117	7.0	6.00 - 7.50



OPEN COUNTRY A19



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	65	215/65 R16	98H	OPA19A	LHD	7.9/7.7	691	220	314	240	2108	6.5	6.00 - 7.50
		215/65 R16	98H	OPA19	RHD	7.9/7.7	691	220	314	240	2108	6.5	6.00 - 7.50
		215/65 R16	98H	OPA19	RHD	7.9/7.7	691	220	314	240	2108	6.5	6.00 - 7.50



TOYO J50



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	60	195/60 R15	88H	TYJ50	LHD	7.7	612	198	281	216	1867	6.0	5.50 - 7.00
		195/60 R15	88H	TYJ50	RHD	7.7	612	198	281	216	1867	6.0	5.50 - 7.00
16	55	195/55 R16	87V	TYJ50	LHD	7.7	619	197	286	215	1888	6.0	5.50 - 7.00
		195/55 R16	87V	TYJ50	RHD	7.7	619	197	286	215	1888	6.0	5.50 - 7.00



TOYO J48



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	MODEL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
								OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	55	205/55 R16	91V	TYJ48D	RHD	Mazda 3	7.9	630	213	290	232	1922	6.5	5.00 - 7.50
		205/55 R16	91V	TYJ48E	LHD	Mazda 3/5	7.9	630	213	290	232	1922	6.5	5.00 - 7.50
		205/55 R16	91V	TYJ48E	RHD	Mazda 5	7.9	630	213	290	232	1922	6.5	5.00 - 7.50
17	55	215/55 R17	94V	TYJ48A	LHD	Mazda 6	7.7	669	223	308	234	2040	7.0	6.00 - 7.50
		215/55 R17	94V	TYJ48A	RHD	Mazda 6	7.7	669	223	308	234	2040	7.0	6.00 - 7.50



TOYO R27



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	55	185/55 R15	82V	TYR27C	LHD	8.0	585	195	270	213	1784	6.0	5.00 - 6.50
		185/55 R15	82V	TYR27A	RHD	8.0	585	195	270	213	1784	6.0	5.00 - 6.50



TOYO H07



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	60	195/60 R15 LT	106S	TYH07A	9.7	694	200	313	218	2117	5.5	5.00 - 6.00



TRANPATH A14



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	70	215/70 R15	98S	TAA14	LHD	7.7	683	220	308	240	2083	6.5	5.50 - 7.00
		215/70 R15	98S	TAA14	RHD	7.7	683	220	308	240	2083	6.5	5.50 - 7.00
		215/70 R15	98H	TAA14	LHD	7.7	683	220	301	240	2083	6.5	5.50 - 7.00
		215/70 R15	98H	TAA14	RHD	7.7	683	220	301	240	2083	6.5	5.50 - 7.00
16	70	215/70 R16	99H	TAA14	LHD	7.7	704	226	319	246	2147	6.5	5.50 - 7.00
		215/70 R16	99H	TAA14	RHD	7.7	704	226	319	246	2147	6.5	5.50 - 7.00
		215/70 R16	99H	TAA14F	LHD	7.7	704	226	319	246	2147	6.5	5.50 - 7.00
		215/70 R16	99H	TAA14G	RHD	7.7	704	226	319	246	2147	6.5	5.50 - 7.00



TRANPATH A11



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	60	215/70 R16	100T	TAA11B	LHD	7.7	704	220	319	240	2147	6.5	5.50 - 7.00
		235/60 R16	100H	TAA11	LHD	7.8	686	237	312	258	2092	7.0	6.50 - 8.50
		235/60 R16	100H	TAA11	RHD	7.8	686	237	312	258	2092	7.0	6.50 - 8.50



TRANPATH J48



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	65	215/65 R16	98S	TAJ48B	LHD	7.4	685	218	312	238	2089	6.5	6.00 - 7.50
		215/65 R16	98S	TAJ48A	RHD	7.4	685	218	312	238	2089	6.5	6.00 - 7.50



TRANPATH J38



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
14	65	185/65 R14	86T	7.9	593	188	270	205	1809	5.5	5.00 - 6.50



TRANPATH J30



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	70	205/70 R15	95S	TAJ30A	8.1	669	208	303	227	2040	6.0	5.00 - 7.00



TRANPATH R23



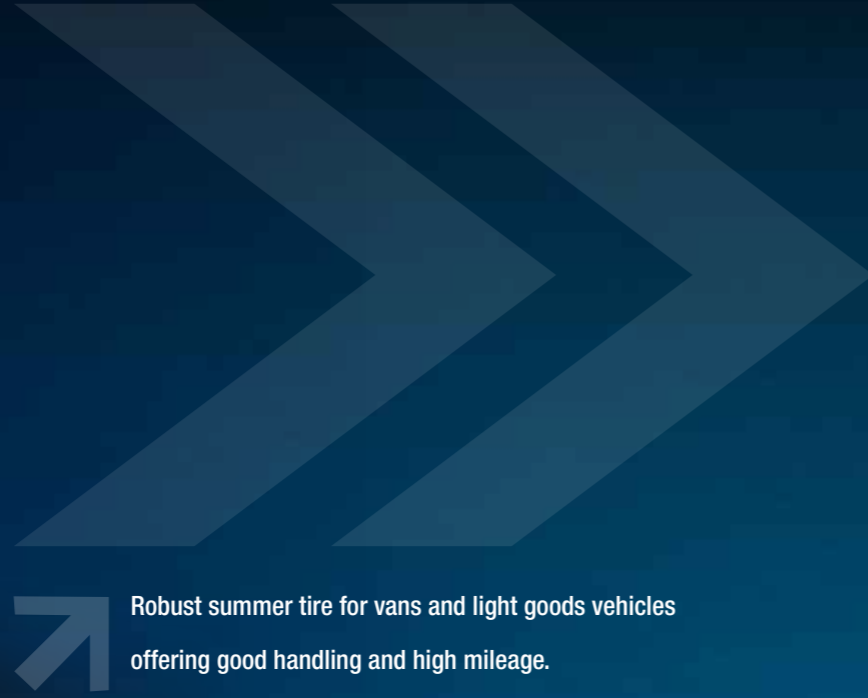
RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15	55	195/55 R15	85V	8	598	195	275	213	1824	6.0	5.50 - 7.00



VAN & TRUCK

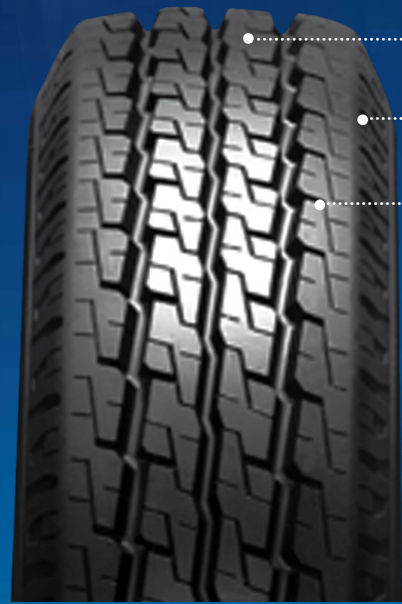
Van/Light Truck

H08



Robust summer tire for vans and light goods vehicles offering good handling and high mileage. Speed Indices Q, R, S and T. 13 - 17 inch.

Tread Pattern Features



- Circumferential dovetailed tread blocks guarantee road stability and perfect directional stability.
- The continuous tire shoulder ensures high cornering stability and an even wear pattern.
- The new tread compound in combination with the siping ensures the best wet handling.
- Optimum water evacuation through wide tread channels.

Dimensions H08

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)	
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)				
13	70	165/70 R13C	88/86R	9.7	559	167	254	182	1703	5.0	4.50 - 5.00	
		175 R14C	99/98S	10.7	634	180	286	196	1932	5.0	5.00 - 6.00	
		185 R14C	102/100S	10.7	650	193	293	210	1983	5.5	5.00 - 6.00	
		195 R14C	106/104S	10.7	666	201	299	219	2031	5.5	5.00 - 6.00	
		205 R14C	109/107S	11.2	686	213	307	232	2092	6.0	5.50 - 6.50	
		215 R14C	112/110S	11.2	699	222	312	242	2132	6.0	5.50 - 7.00	
		165/70 R14C	89/87R	9.7	585	167	267	182	1784	5.0	4.50 - 5.00	
		165/75 R14C	97/95R	10.7	601	165	234	180	1833	4.5	4.00 - 5.00	
		175/65 R14C	90/88T	10.2	584	179	267	195	1781	5.0	5.00 - 5.50	
		185/75 R14C	102/100S	10.7	632	186	246	203	1928	5.0	5.00 - 6.00	
	75	195/75 R14C	106/104S	10.7	645	197	252	215	1967	5.5	5.00 - 6.00	
		225/75 R15C	110/108Q	11.2	719	227	280	247	2193	6.0	6.00 - 7.00	
		195/70 R15C	104/102S	10.2	652	202	296	220	1989	6.0	5.00 - 6.00	
15	70	205/70 R15C	106/104S	10.2	667	203	260	221	2034	6.0	5.50 - 6.50	
		225/70 R15C	112/110S	10.7	695	228	313	249	2120	6.5	6.00 - 7.00	
		205/65 R15C	102/100T	10.2	647	207	252	226	1973	6.0	5.50 - 6.50	
	75	175/75 R16C	101/99S	10.7	668	176	261	192	2037	5.0	4.50 - 5.50	
		185/75 R16C	104/102S	10.7	684	185	311	202	2085	5.0	5.00 - 6.00	
		195/75 R16C	107/105S	10.7	696	197	316	214	2121	5.5	5.00 - 6.00	
		205/75 R16C	110/108R	11.2	714	206	323	225	2176	5.5	5.50 - 6.50	
		205/75 R16C	113/111Q	11.2	714	204	332	224	2180	5.5	5.50 - 6.50	
		215/75 R16C	113/111R	11.2	728	217	329	237	2220	6.0	5.50 - 7.00	
		215/75 R16C	116/114Q	11.2	728	215	339	235	2223	6.0	5.50 - 7.00	
		225/75 R16C	118/116R	11.2	743	224	334	244	2266	6.0	6.00 - 7.00	
		225/75 R16C	121/120Q	11.2	744	223	346	240	2272	6.0	6.00 - 7.00	
		16	65	195/65 R16C	100/98T	10.2	661	197	302	215	2016	6.0
195/65 R16C	104/102R			10.2	661	199	258	217	2016	6.0	5.50 - 6.00	
205/65 R16C	107/105T			10.2	671	209	262	228	2047	6.0	5.50 - 6.50	
215/65 R16C	106/104T			10.2	687	220	313	240	2095	6.5	6.00 - 7.00	
215/65 R16C	109/107R			10.2	688	219	268	239	2098	6.5	6.00 - 7.00	
225/65 R16C	112/110R			10.2	700	228	273	249	2135	6.5	6.00 - 7.00	
235/65 R16C	115/113R			10.2	712	242	278	264	2172	7.0	6.50 - 7.50	
60	215/60 R16C			103/101T	10.2	667	218	260	238	2034	6.5	6.00 - 7.00
	225/60 R16C			105/103T(100H)	9.8	676	227	309	247	2063	6.5	6.50 - 7.50
17	60			215/60 R17C	104/102T	10.2	690	217	269	237	2104	6.5

Proxes CF1C



Some dimensions available as Proxes CF1.

Dimensions Proxes CF1C

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16	60	195/60 R16C	99H	7.8	642	195	250	213	1958	6.0	5.50 - 6.50
	65	215/65 R16C	106H	8.1	687	223	268	243	2095	6.5	6.00 - 7.00

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Van/Light Truck H09



A new generation light truck tire, TOYO H09 is developed for modern vans and transporters operating on a variety of winter roads.

TOYO H09 benefits from a unique tread design that ensures superior stability on wet and snowy roads and also provides firm grip on deep snow covered roads. TOYO H09 also offers lower noise and optimum ride comfort. Speed Indices Q, R, S and T. 14-17 inch.

Tread Pattern Features



Superior Wet and Snow Performance
Four circumferential grooves and wide lateral slits effectively provide higher lateral and longitudinal traction on wet and snowy surfaces

New Tread Design
Wave siping generates higher edge effects and optimized ground contact on deep snowy surfaces

Wide Shoulder Slits
Delivers excellent traction on snow

Longer Wear Life
Tread compound with improved wear resistance and refined casing profile for even contact pressure distribution result in longer wear life

Improved Casing Durability
High tensile steel belts covered by spiral cap ply together with reinforced bead construction minimizes inner carcass stress during its running, resulting in improved durability

Dimensions H09

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
14	70	175 R14C	99/98R	11.0	635	179	287	195	1936	5.0	4.50 - 5.00
		185 R14C	102/100R	11.0	653	190	294	207	1992	5.5	5.00 - 6.00
		195 R14C	106/104R	11.0	666	199	299	217	2031	5.5	5.00 - 6.00
		205 R14C	109/107R	11.5	686	211	307	230	2092	6.0	5.50 - 6.50
		215 R14C	112/110R	11.5	700	221	312	241	2135	6.0	5.50 - 7.00
	65	165/70 R14C	89/87R	10.5	586	166	228	180	1786	5.0	4.50 - 5.00
		175/65 R14C	90/88T	10.5	585	175	228	191	1785	5.0	5.00 - 5.50
		185/75 R14C	102/100R	11.0	634	183	286	199	1934	5.0	5.00 - 6.00
		195/75 R14C	106/104R	11.0	653	188	294	205	1992	5.5	5.00 - 6.00
		195/70 R15C	104/102R	10.5	653	198	297	216	1992	6.0	5.00 - 6.00
15	70	205/70 R15C	106/104R	11.0	668	204	261	223	2037	6.0	5.50 - 6.50
		215/70 R15C	109/104R	11.0	681	217	266	237	2077	6.5	5.50 - 7.00
		225/70 R15C	112/110R	11.0	696	227	313	247	2123	6.5	6.00 - 7.00
		205/65 R15C	102/100T	10.5	652	204	296	222	1989	6.0	5.50 - 6.50
	65	175/75 R16C	101/99R	11.0	668	175	305	190	2038	5.0	4.50 - 5.50
75	75	195/75 R16C	107/105R	11.0	697	195	316	213	2125	5.5	5.00 - 6.00
		205/75 R16C	110/108R	11.5	714	206	323	225	2178	5.5	5.50 - 6.50
		205/75 R16C	113/111Q	11.6	714	204	332	223	2180	5.5	5.50 - 6.50
		215/75 R16C	113/111R	11.5	730	220	329	240	2227	6.0	5.50 - 7.00
		215/75 R16C	116/114Q	11.6	728	215	339	235	2223	6.0	5.50 - 7.00
		225/75 R16C	118/116R	11.5	743	228	334	249	2266	6.0	6.00 - 7.00
		225/75 R16C	121/120Q	11.6	744	223	346	240	2272	6.0	6.00 - 7.00
		195/65 R16C	100/98T	10.5	665	198	304	215	2027	6.0	5.50 - 6.00
	65	195/65 R16C	104/102R	10.5	664	199	304	217	2025	6.0	5.50 - 6.00
		205/65 R16C	107/105T	10.5	676	206	264	225	2063	6.0	5.50 - 6.50
16	65	215/65 R16C	106/104T	10.5	690	221	314	240	2105	6.5	6.00 - 7.00
		215/65 R16C	109/107R	10.5	691	219	314	239	2108	6.5	6.00 - 7.00
		225/65 R16C	112/110R	10.5	703	228	319	249	2144	6.5	6.00 - 7.00
		235/65 R16C	115/113R	10.5	715	240	279	262	2182	7.0	6.50 - 7.50
	60	195/60 R16C	99/97T	10.5	645	195	296	213	1967	6.0	5.50 - 6.50
		205/60 R16C	100/98T	10.5	652	204	299	222	1989	6.0	6.00 - 6.50
		215/60 R16C	103/101T	10.5	664	217	259	237	2025	6.5	6.00 - 7.00
		225/60 R16C	101/99T	10.5	676	225	264	245	2063	6.5	6.50 - 7.50
17	60	215/60 R17C	104/102T	10.5	691	215	270	234	2109	6.5	6.00 - 7.00

Light Truck

M53



Tires for light trucks and normal road use

Dimensions M53

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16		7.50 R16	121/120L	11.5	806	210	375	231	2461	6.0	6.00 - 6.50

M140Z



Tapered seat tire for light goods vehicles, suitable for fitment to drive or steer axles.

Dimensions M140Z

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16		8.25 R16	128/126L	12.3	855	227	398	252	2601	6.5	6.00 - 6.50
22.5	70	275/70 R22.5	148/145M	13.6	962	275	447	294	2938	8.25	7.50 - 8.25

M76



A drive axle tire for standard profile fitments, the TOYO M76 comes with a deep tread pattern which offers excellent traction and mileage. M + S marked.

Dimensions M76

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17.5		8 R17.5	117L	14.4	788	200	366	219	2406	6.0	5.25 - 6.00
		8.5 R17.5	121L	14.9	807	205	375	225	2463	6.0	5.25 - 6.00

M143



For front axle/all round fitment, 17.5 inch M143 are suitable for light goods vehicles and road applications.

Dimensions M143

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17.5	75	9.5 R17.5	129/127L	11.6	838	230	376	251	2556	6.8	6.00 - 6.75
		205/75 R17.5	124/122M	12.1	761	202	346	220	2321	6.0	5.25 - 6.75
		215/75 R17.5	126/124M	12.5	776	212	352	231	2367	6.0	6.00 - 6.75
		225/75 R17.5	129/127M	13.0	793	225	358	245	2419	6.8	6.00 - 6.75
		235/75 R17.5	132/130M	13.0	803	233	362	254	2449	6.8	6.75 - 7.50
19.5	70	245/70 R19.5	136/134M	12.5	843	240	383	262	2571	7.50	6.75 - 7.50
		265/70 R19.5	140/138M	13.0	871	253	394	276	2657	7.50	6.75 - 8.25
		285/70 R19.5	145/143M	13.5	893	275	403	300	2724	8.25	7.50 - 9.00

M608



The all-season drive axle tire with optimum traction performance and long life. M + S marked.

Dimensions M608

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17.5	75	205/75 R17.5	124/122M	14.9	768	202	357	220	2345	6.0	5.25 - 6.75
		215/75 R17.5	126/124M	15.4	781	215	363	235	2388	6.0	6.00 - 6.75
		235/75 R17.5	132/130M	15.8	812	237	378	258	2482	6.8	6.75 - 7.50
19.5	70	245/70 R19.5	136/134M	15.4	844	240	392	260	2576	7.50	6.75 - 7.50
		265/70 R19.5	140/138L	15.8	875	260	407	280	2746	7.50	7.50 - 8.25
		285/70 R19.5	145/143M	16.3	899	280	418	300	2745	8.25	8.25 - 9.00
22.5	80	315/80 R22.5	154/150M	18.0	1085	312	505	339	3311	9.00	9.00 - 9.75

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Truck - Steer Axle/All Round Fitment

M144

Some dimensions available as M144 A.



M144 A

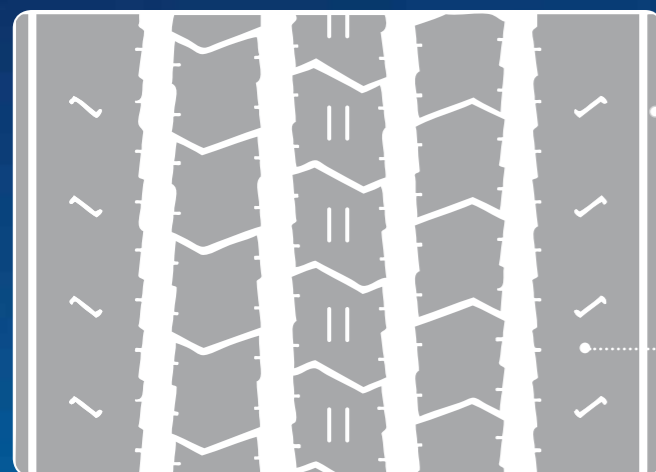


Front axle tires for long-distance use. 80 series versions feature a differential groove in the shoulder area for reduced shoulder wear. For medium distance operations, M144 A versions also available without differential groove.

Dimensions M144

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	PATTERN	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	80	295/80 R22.5	152/148M	M144	15.0	1054	303	490	328	3219	9.0	8.25 - 9.00
		295/80 R22.5	152/148M	M144A	15.0	1054	303	490	328	3219	9.0	8.25 - 9.00
		315/80 R22.5	154/150M	M144	15.0	1082	312	503	340	3300	9.0	9.00 - 9.75
		315/80 R22.5	154/150M	M144A	15.0	1082	312	503	340	3300	9.0	9.00 - 9.75
	70	305/70 R22.5	150/148M	M144	14.9	1004	307	467	328	3066	9.0	8.25 - 9.00
		315/70 R22.5	152/150M	M144	15.0	1020	313	474	338	3115	9.0	9.00 - 9.75

Tread Pattern Features



Differential grooves in the shoulder and changed casing construction ensure an even distribution of pressure in the contact area.

Reduced shoulder wear and consequently even wear pattern.

Improved mileage through newly developed tread compound.

Siping assists wet traction and even wear pattern.

The use of new casing and belt plies reduces spot loads in the substructure and improves remoulding capability.

Features

High mileage through changed casing contour and optimised contact area with even wear pattern.

Improved remoulding capability through use of new casing and belt plies, reducing load in the substructure.

M143



Front axle/all round fitment for use on trucks in road applications.

Dimensions M143

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17.5	75	9.5 R17.5	129/127L	11.6	838	230	376	251	2556	6.8	6.00 - 6.75
		205/75 R17.5	124/122M	12.1	761	202	346	220	2321	6.0	5.25 - 6.75
		215/75 R17.5	126/124M	12.5	776	212	352	231	2367	6.0	6.00 - 6.75
		225/75 R17.5	129/127M	13.0	793	225	358	245	2419	6.8	6.00 - 6.75
19.5	70	245/70 R19.5	136/134M	12.5	843	240	383	262	2571	7.50	6.75 - 7.50
		265/70 R19.5	140/138M	13.0	871	253	394	276	2657	7.50	6.75 - 8.25
		285/70 R19.5	145/143M	13.5	893	275	403	300	2724	8.25	7.50 - 9.00

M140Z



Tapered seat tire for light goods vehicles, suitable for fitment to drive or steer axes.

Dimensions M140Z

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TYPE	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
16		8.25 R16	128/126L	TT	12.3	855	227	398	252	2601	6.5	6.00 - 6.50
22.5	70	275/70 R22.5	148/145M	TL	13.6	962	275	447	294	2938	8.25	7.50 - 8.25

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Truck - Steer Axle/All Round Fitment

M120



M120 features a wide tread and is particularly suitable for front axle, long distance use.

Dimensions M120

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	70	10 R22.5	144/122L	14.0	1014	255	472	279	0	7.50	6.75 - 7.50
		11 R22.5	148/145M	14.1	1050	282	488	309	3206	8.25	7.50 - 8.25
		255/70 R22.5	140/137J	13.4	928	251	432	269	2834	7.50	7.50 - 8.25
		255/70 R22.5	143/140J	13.4	928	246	432	264	2834	7.50	7.50 - 8.25

M111



M111 is a wide tread tire especially suitable for steer axle fitment for long distance and regional use.

Dimensions M111

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	80	11 R22.5	148/145M	15.0	1052	277	489	304	3211	8.25	7.50 - 8.25
		12 R22.5	152/147M	14.9	1081	295	503	322	3299	9.00	8.25 - 9.00
		13 R22.5	154/149L	15.8	1123	313	522	341	3431	9.00	9.00 - 9.75
	295/80 R22.5	152/148M	14.9	1050	303	488	328	3204	9.00	8.25 - 9.00	
	315/80 R22.5	154/150M	14.4	1079	312	502	339	3292	9.00	9.00 - 9.75	

M87



All round fitment for highway use. Especially suited to trailer/semi trailer use.

Dimensions M87

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5		12 R22.5	152/147L	13.9	1084	295	504	322	3311	9.00	8.25 - 9.00

M82



A low-profile, wide-tread tire specially designed for recreational and commercial pickups. With five-rib pattern and wide tread, the M82 provides longer life, quiet running, excellent steering, and even wear.

Dimensions M82

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17.5		8 R17.5	117/116L	11.5	782	200	364	219	2388	6.00	5.25 - 6.00
		8.5 R17.5	121/120L	12.0	801	205	372	225	2444	6.00	5.25 - 6.00

M61



For predominantly road use in urban conditions. Firm rubber mix.

Dimensions M61

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5		12 R22.5	152/147K	16.3	1084	295	504	322	3311	9.00	8.25 - 9.00
		13 R22.5	154/149K	16.5	1121	313	521	341	3424	9.00	9.00 - 9.75

M142



Front axle tire for mixed use (on/off road) in intensive urban environments. Even wear.

Dimensions M142

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	80	295/80 R22.5	152/148M	14.9	1054	303	490	328	3219	9.00	8.25 - 9.00
		315/80 R22.5	154/150M	16.0	1084	312	504	339	3310	9.00	9.00 - 9.75

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Truck - Steer Axle/All Round Fitment

M320



Available as a wide single tire for trailer and articulated trucks in local/regionally applications. Also suitable as a front axle fitment for mixed regional use. M+S marked.

Features

Higher mileage and even wear
The optimised casing construction prevents uneven growth in the contact patch and offers an even and flatter footprint radius. The new tread pattern ensures uniform pressure across the contact area.

Higher mileage and improved casing acceptance for remoulding
The new casing profile, base rubber and tread compound reduce the load peaks through a more even distribution of stress, resulting in lower build-up of heat and consequently longer durability.

Enhanced traction
The rigid tread blocks and open tread pattern ensure high traction and supreme road performance.

Dimensions M320

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	65	11 R22.5	148/145K	18.4	1061	282	493	308	3240	8.25	7.50 - 8.25
		385/65 R22.5	160K	17.5	1082	376	503	397	3304	11.75	11.75 - 12.25
		425/65 R22.5	165K	18.2	1140	415	530	440	3481	12.25	11.75 - 13.00

Tread Pattern Features



New Casing Profile
Even wear pattern, improved durability

New Rubber Compound
Higher mileage, improved durability

New Tread Pattern
Higher traction, even wear



Stone Ejector in Grooves
Minimises cut damage

Truck - Steer Axle/All Round Fitment M315



Front axle tire for predominantly road use in urban conditions. Firm rubber mix.

Dimensions M315

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5		11 R22.5	148/145K	15.8	1056	282	491	309	3223	8.25	7.50 - 8.25

M607



A steer axle tire suitable for on and off road use in snow conditions. Traction pattern ensures grip on wet or snowy roads.

Dimensions M607

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	80	315/80 R22.5	156/150L	16.3	1083	312	504	339	350	9.00	9.00 - 9.75

M149



Using state-of-the-art truck design technology, FEM analysis and systematic field evaluation, M149 has been thoroughly designed to offer high mileage and reliability.

Dimensions M149

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	65	385/65 R22.5	160K (158L)	15.9	1079	376	502	397	3295	11.75	11.75 - 12.25
	55	385/55 R22.5	160K	15.0	1009	378	469	402	3081	11.75	11.75 - 12.25

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Truck - Drive Axle M632



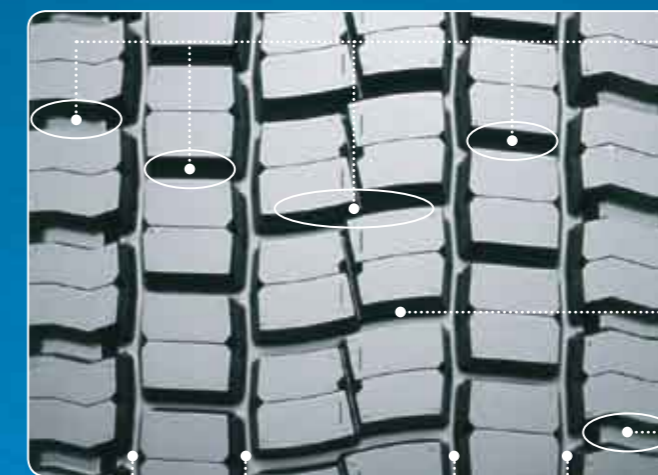
e-balance

Optimized casing profile utilising "e-balance profile retention technology" minimizes growth of the tread area and maintains an uniform and flatter tread radius in service. The new tread design, developed through "e-balance simulation technology", provides an ideal contact patch shape. Contact pressure distribution across the tread surface is optimised, resulting in even wear and long tire life.

Dimensions M632

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	80	295/80 R22.5	152/148M	22.2	1069	303	497	328	3264	9.00	8.25 - 9.00
		315/80 R22.5	154/150M	22.7	1096	312	510	339	3347	9.00	9.00 - 9.75
	70	315/70 R22.5	152/148M	20.2	1027	316	478	342	3136	9.00	9.00 - 9.75
	60	295/60 R22.5	150/147L	18.0	927	290	431	310	2831	9.00	9.00 - 9.75

Tread Pattern Features



Lateral Groove Arrangement
Stable running and low noise

Deep Lateral Grooves
Excellent traction

Tread Block Support
Prevention of irregular wear and good traction

4 Circumferential Grooves
Good water drainage

Truck - Drive Axle

M622



Drive axle tire with optimised tread depth.
Outstanding road performance and traction.
M + S marked.

Dimensions M622

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	80	295/80 R22.5	152/148M	20.0	1059	303	492	328	3236	9.00	8.25 - 9.00
		315/80 R22.5	154/150M	20.6	1094	312	509	339	3341	9.00	9.00 - 9.75

Truck - Drive Axle

M605



A robust steel belt tire with very deep tread ensuring long life.
M + S marked.

Dimensions M605

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	80	11 R22.5	148/145L	20.6	1064	277	495	304	3248	8.25	7.50 - 8.25
		12 R22.5	150/147L	23.0	1098	295	511	322	3355	9.00	8.25 - 9.00
		295/80 R22.5	152/148M	22.1	1067	303	496	328	3261	9.00	8.25 - 9.00
		315/80 R22.5	154/150M	23.0	1095	312	509	339	3343	9.00	9.00 - 9.75

M608



The drive axle tire with optimum traction performance and long life.
M + S marked.

Dimensions M608

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17.5	75	205/75 R17.5	124/122M	14.9	768	202	357	220	2345	6.0	5.25 - 6.75
		215/75 R17.5	126/124M	15.4	781	215	363	235	2388	6.0	6.00 - 6.75
		235/75 R17.5	132/130M	15.8	812	237	378	258	2482	6.8	6.75 - 7.50
19.5	70	245/70 R19.5	136/134M	15.4	844	240	392	260	2576	7.50	6.75 - 7.50
		265/70 R19.5	140/138L	15.8	875	260	407	280	2746	7.50	7.50 - 8.25
		285/70 R19.5	145/143M	16.3	899	280	418	300	2745	8.25	8.25 - 9.00
22.5	80	315/80 R22.5	154/150M	18.0	1085	312	505	339	3311	9.00	9.00 - 9.75

Truck - Drive Axle

M626



Drive axle tire long and short distance.
Very good traction, high mileage.
M+S Mark.

Dimensions M626

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	70	275/70 R 22.5	148M	16.5	968	275	1006	300	2952	8.25	7.5

M73



Drive axle tire for long and short distance.

Dimensions M73

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5		13 R22.5	154/149K	18.2	1124	313	523	341	360	9.75	9.00 - 9.75
		12 R22.5	152L	18.0	1083	295	504	322	3307	9.00	8.25 - 9.00

Trailers

M149



Using state-of-the-art truck design technology, FEM analysis and systematic field evaluation, M149 has been thoroughly designed to offer high mileage and reliability.

Dimensions M149

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	65	385/65 R22.5	160K (158L)	15.9	1079	376	502	397	3295	11.75	11.75 - 12.25

M320



Available as a wide single tire for trailers in local/regionally applications.
M+S marked.

Dimensions M320

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
22.5	65	11 R22.5	148/145K	18.4	1061	282	493	308	3240	8.25	7.50 - 8.25
		385/65 R22.5	160K	17.5	1082	376	503	397	3304	11.75	11.75 - 12.25
		425/65 R22.5	165K	18.2	1140	415	530	440	3481	12.25	11.75 - 13.00

Low Platform Trailers

M1090



A low-profile tire designed for low platform trailers in highway applications. The five-rib pattern provides good load protection while minimising irregular tread wear.

Dimensions M1090

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
15		7.50 R15	135/133J	11.0	777	210	361	233	2373	6.00	6.00 - 6.50
		8.25 R15	143/141J	12.0	841	232	391	259	2568	6.50	6.00 - 7.00
		10.00 R15	148/145J	13.0	910	275	423	305	2779	7.50	7.00 - 7.50

M1430



High mileage and uniform wear plus good regrooveability make M1430 an economic tire. Tires especially for trailer and semi trailer.

Dimensions M1430

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX SPEED SYMBOL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		ROLLING CIRCUMFERENCE (mm)	MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)			
17.5	75	9.5 R17.5	143/141J	12.5	838	230	376	251	2556	6.75	6.00 - 6.75
		215/75 R17.5	135/133J	11.6	774	212	351	231	2361	6.00	6.00 - 6.75
		235/75 R17.5	143/141J	12.1	803	233	362	254	2449	6.75	6.75 - 7.50
	70	245/70 R17.5	143/141J	12.5	799	242	372	262	2440	6.75	6.75 - 7.50
19.5	70	245/70 R19.5	141/140J	12.5	843	240	383	262	2571	7.50	6.75 - 7.50
		265/70 R19.5	143/141J	13.0	871	253	394	276	2657	7.50	6.75 - 8.25
		285/70 R19.5	150/148J	13.5	893	275	403	300	2724	8.25	7.50 - 9.00

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Tire Care and Maintenance

Proper care of tires increases road safety and tire life.

Key Advice:

Air Pressure

Your safety depends on maintaining the prescribed air pressure. The indicated operating pressure can be increased by up to 1 bar without this representing a danger for the tire strength and the rims. However, in this condition, road performance and shock absorption quality of the tire will deteriorate. Additionally, wear will increase in the centre of the tread leading to premature removal. If a tire is driven with insufficient air pressure, this leads to deformation of the casing and excessive heat build up, which leads to increased wear in the shoulder area of the tread and can lead to tire failure.

Most important points (recommendations):

1. Measure air pressure on cold tires (before driving)
2. Air pressure must correspond to axle load (see operating instructions)
3. Air pressure must be kept equal across an axle
4. Check air pressure at least once per week
5. Check air pressure before each long trip and increase by 0.2 bar, so that the tire temperature can be kept low at high speed
6. Air pressure for M+S tires should be 0.2 to 0.3 bar higher than the corresponding summer tires
7. After checking air pressure always refit the valve caps, as they prevent dust and dirt from entering and compromising air tightness. Valve caps with a sealing ring are best, as they act as a secondary air seal assisting the tire valves.

Tire Sizes, Loads and Speed

Tire Sizes

The vehicle registration documents often show the tire sizes a vehicle should be supplied with. Taking into account axle load and maximum speed (incl. variation) care should be taken that the tires have the necessary load and speed index. In the case of V/W/Y tires the maximum load deduction (for V max > 210/240/270 km/h) must also be taken into account.

Loads

Like insufficient air pressure, vehicle overloading can lead to premature wear and tire failure. The vehicle registration documents may detail among other things the maximum kerbside weight of the vehicle in kilograms as well as the maximum axle weight in kilograms for the front and the rear axles. Overloading can easily occur when going on holiday with a full car, roof rack and/or caravan.

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
65	290	81	462	97	730	113	1150	129	1850	145	2900
66	300	82	485	98	750	114	1180	130	1900	146	3000
67	307	83	487	99	775	115	1215	131	1950	147	3075
68	315	84	500	100	800	116	1250	132	2000	148	3150
69	325	85	515	101	825	117	1285	133	2060	149	3250
70	335	86	530	102	850	118	1320	134	2120	150	3350
71	345	87	545	103	875	119	1360	135	2180	151	3450
72	355	88	560	104	900	120	1400	136	2240	152	3550
73	365	89	580	105	925	121	1450	137	2300	153	3650
74	375	90	600	106	950	122	1500	138	2360	154	3750
75	387	91	615	107	975	123	1550	139	2430	155	3875
76	400	92	630	108	1000	124	1600	140	2500	156	4000
77	412	93	650	109	1030	125	1650	141	2575	157	4125
78	425	94	670	110	1060	126	1700	142	2650	158	4250
79	437	95	690	111	1090	127	1750	143	2725	159	4375
80	450	96	710	112	1120	128	1800	144	2800	160	4500

Speed

The tires fitted by a vehicle manufacturer have the appropriate speed symbol considering the maximum speed. It is possible to switch to the same tire size with a higher speed index, but tires should never be substituted for tires with a speed symbol equal to less than the maximum speed of the vehicle (incl. variation).

Exceptions are M+S radial winter tires: in this case, care must be taken not to exceed the speeds indicated by the symbol on the M+S tire. Vehicles capable of higher speed than M+S tire speed symbol indicates, must have a notice, visible to the driver indicating the maximum speeds of the M+S tires. In some countries this is a legal requirement.

Speed Symbol	J	K	L	M	N	P	Q	R	S	T	U	H	V	W	Y	ZR
Maximum Speed km/h	100	110	120	130	140	150	160	170	180	190	200	210	240	270	300	OVER 240

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