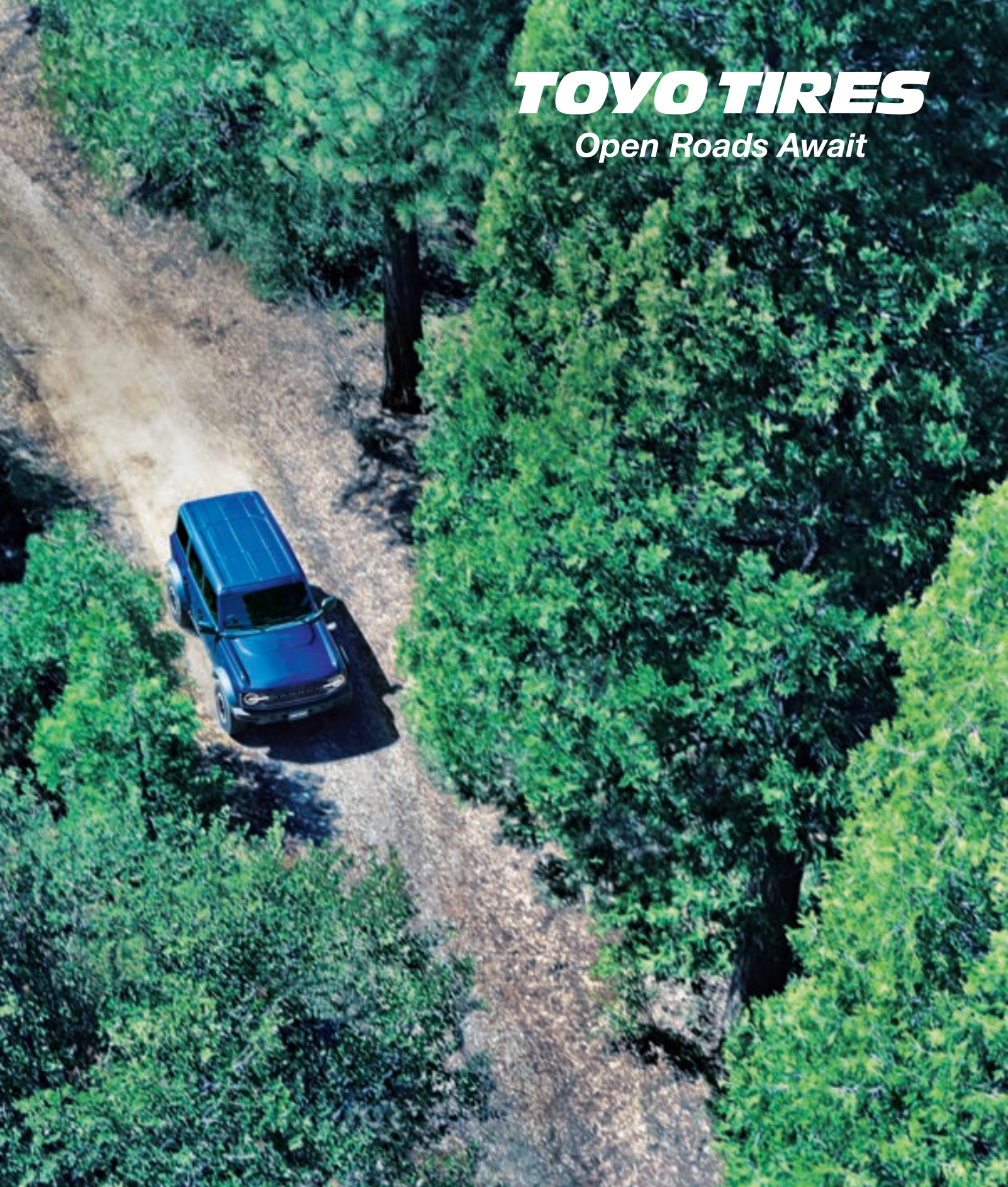


An aerial photograph of a blue SUV driving on a dirt road that winds through a dense forest. The road is light brown and dusty, with a cloud of dust rising behind the vehicle. The surrounding trees are lush green, and the scene is captured from a high angle, looking down at the car.

TOYO TIRES

Open Roads Await

EUROPEAN PRODUCT CATALOGUE 2023



THE TOYO WAY

Company Philosophy

We will endeavor to continuously improve our products, and create value for everyone who we work with.

Our Mission

To create excitement and surprise with our products that exceed customer expectations and enriches society.

Our Vision

Our goal is to be company that:

- stays one step ahead of the future through constant technological innovation;
- drives entrepreneurial and creative spirit through a progressive culture; and
- shares in the enjoyment felt by everyone involved in our activities

TOYO TIRES



CONTENTS

About TOYO TIRES	4
Tire Business / Testing and Development	5
Motorsport & High Performance	6
EU Tire Label	8
Technology and Performance	9
Product Lines Overview	10
All Season Car Tire Range Overview	12
Van Tire Range Overview	13
Summer Car Tire Range Overview	14
SUV & 4 X 4 Tire Range Overview	15
Winter Car Tire Range Overview	16
Winter SUV & 4 X 4 Tire Range Overview	17
All Season Car Tires	18 - 23
Summer Car Tires / Old Timer Tires	24 - 41
Winter Car Tires	42 - 55
SUV & 4 X 4 Tires	56 - 71
Winter SUV & 4 X 4 Tires	72 - 85
Van/Light Truck Tires	86 - 95
Competition Tires	96 - 99
Original Equipment Overview	100 - 107
Dimensions Overview	108 - 127
Tire Care & Maintenance	128 - 129

ABOUT TOYO TIRES

For more than 75 years TOYO TIRE Corporation has been manufacturing premium performance tires. Founded in 1945, the company is headquartered in Japan, with a Technical Center that develops technological solutions to create safer, more comfortable, and environmentally friendly tires.

In 2005 the Toyo Tire Holdings of Europe GmbH was founded in Germany as the European headquarters for the group. This structure enabled the development of a stronger and coordinated sales and marketing strategy in Europe and increased synergies with the parent company in Japan. At the end of 2019 the first European Research & Development Center opened in Germany, building a strong technical foundation in Europe.

With the start of production from the new European factory in Serbia in July 2022, the corporate structure in Europe will evolve further to a newly established holding company.

TOYO TIRES core business is the development, production, and marketing of high-quality, high-performance tires. The multifaceted range of products includes summer and winter car, 4x4 and SUV tires as well as tires for vans and light trucks.



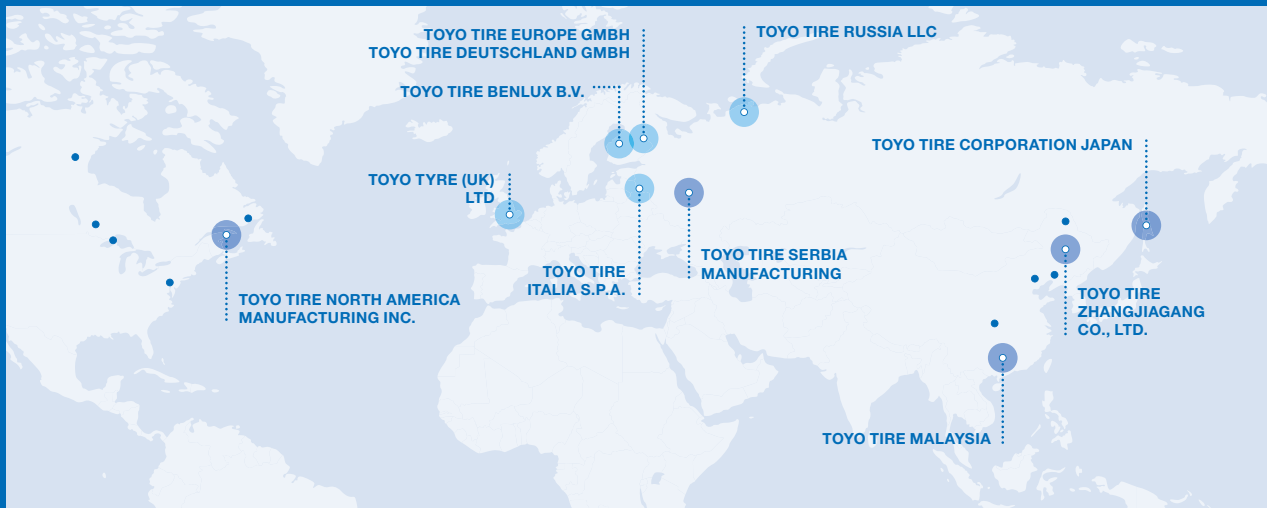
Tire Manufacturing Videos



PARTNER



TIRE BUSINESS



TESTING & DEVELOPMENT

The European R&D Center combines material research with technology development. Collected information and knowledge is shared with other R&D Centers of TOYO as well as with the Corporate Technology Center in Japan, where our tire technology is developed. Here we are improving our knowledge and advanced technologies, and we also carry out tire tests. Before starting to sell a new product to the market, we test tires in real conditions on test tracks. TOYO TIRES have two test sites in Japan.



Miyazaki

In the southeast of Kyushu island is a trial polygon where we conduct tests at high speeds, strength tests and measurements of noise level. Polygon also has a test track for assessments of handling and exchange rate sustainability.



Saroma

Winter tires are tested for proving ground in Sarome, on the island of Hokkaido. At this test site, engineers of TOYO TIRES make accurate measurements of operational characteristics in real winter conditions such as traction force, braking and handling on ice and snow.





TOYO TIRES is actively involved in automotive sports events worldwide like Baja 1000 - one of the hardest off-road races in the world - the Pikes Peak hill climb, and endurance races such as the "Nürburgring 24 hours race" and several major drift championships.

Participation in competitions is testing our products on the edge of the possible. It is interesting to test tires in such extreme conditions, because it helps us to create new materials, improve tire construction and improve their characteristics. Regular pilot victories on TOYO's tires in competitions prove high quality products and motivate us to further developments.

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, 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.

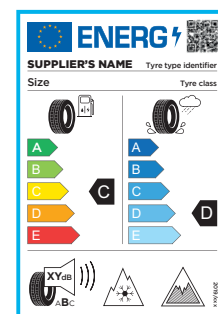
In this way we use new developments and innovations in technology to create products able to meet the high demands of a premium brand.



EU TIRE LABEL

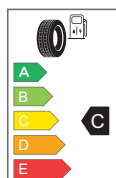
In order to provide standardised information on fuel efficiency, wet grip and external rolling noise, the European Union revised its compulsory label for all new tires, with effect from 1 May 2021. All relevant new tires must carry the revised EU label, which is intended to give end-users some essential information to help them when choosing new tires.

The QR code, read with a smartphone or other suitable reader, is intended to provide additional information:



1

Reduce environmental impact



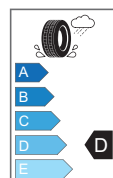
Fuel efficiency / Rolling Resistance

- Is expressed as 'rolling resistance'.
- Rolling resistance directly impacts fuel consumption and the environment.

At lower rolling resistance, the tire dissipates less energy, contributing less to resistive forces and thereby reducing fuel consumption and CO2 emission.

2

Increase safety



Wet grip performance

- Tires with excellent grip in the wet have shorter braking distances on wet roads.

The label displays a series of 5 classes, with tires with an "A" offering the highest wet grip and those with an "E" the lowest. Summer tires must be Grade E minimum.

3

Reduce noise production



Exterior rolling noise (noise level measured in dB)

- Graded A, B or C
- A indicates the lowest grade for noise, B means a medium grade, while C is the noisiest possible grade.



The ICE grip pictogram applies to Nordic winter tires for use on iced surfaces.

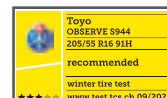
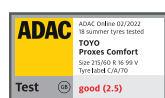
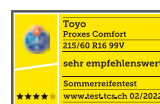


The SNOW grip pictogram represents tires for use in severe snow conditions.

PUBLISHED TIRE TESTS

The EU tire label is designed to show information regarding 3 criteria, however there are many other important performance factors to consider:

Test criteria	EU Tire Label	Tire Tests	TOYO TIRES
Dry conditions			
Braking	+	+	+
Driving stability	+	+	+
Handling	+	+	+
Wet conditions			
Braking	+	+	+
Driving stability	+	+	+
Handling	+	+	+
Aquaplaning	+	+	+
Steering	+	+	+
Tire / pattern noise			
Inside	+	+	+
Outside	+	+	+
Rolling resistance	+	+	+
Tire wear	+	+	+
O.E. test criteria	+	+	+



More information about tire labelling regulations as well as a list of FAQs is available from the European Commission : ec.europa.eu/energy/efficiency/tyres/labelling_en.htm

TECHNOLOGY AND PERFORMANCE

T-MODE

High-Efficiency and High-Precision Tire Development Platform

Over the years, TOYO TIRES has pioneered the development of vehicle-specific tires and ultra high-performance sport tires. Advanced polymer technology played a role in these breakthroughs, but they were also made possible by our proprietary virtual testing systems.

T-Mode, TOYO TIRES' latest form of this technology, uses computer simulation to virtually test vehicle-mounted tires in an array of driving conditions. Uneven tread wear, noise generation and a series of other factors are also analyzed. This data is then used to optimize tire design and enhance performance.

Nano Balance Technology

Fundamental Material Design Technology

Nano Balance Technology is a technology for developing ideal rubber materials with high precision through observation, prediction, material design, and production control, at the molecular (nano) level.

We use this to achieve a high level of both performance extremes, tire rolling resistance (low fuel consumption performance), and braking performance (wet grip performance), to offer a range of high value-added products. Moreover, we have launched a series of products made by using low fuel consumption tread that have excellent heat generation, based on the material design technology of Nano Balance Technology.

A.T.O.M.

Advanced Tire Operation Module

A.T.O.M. is a new production method to manufacture required parts and materials for tires, by winding and gluing a thin ribbon-shaped strip of rubber, approximately 15 mm wide, that is extruded onto a rotating building drum.

In the conventional production method, tire parts such as wide section of treads are wound around a building drum and both edges are aligned and laminated together to make a green tire.

The section where the edges are laminated together is called a "joint." In contrast, the A.T.O.M. production method does not create joints as found in the conventional production method, and is referred to as "jointless."



T-MODE



Nano Balance Technology



Advanced Tire Operation Module



PRODUCT LINES OVERVIEW



NANOENERGY

The NanoEnergy tire line is represented by only two models, but has a large size range. These are tires for passenger cars and commercial vehicles that have high wear resistance and are designed for long-term operation, as well as having a high level of fuel efficiency.



OBSERVE

Observe tires are designed for winter conditions. Used for studded and studless winter tires, the brand name has now been applied to lamellae winter tires so it now encompasses the entire winter range. Synonymous with safety and mobility, Observe tires offer superb winter performance wherever it is needed.



OPEN COUNTRY

The Open Country range of tires are high-strength, durable tires, designed for Crossovers and SUVs. They are characterized by short braking distances, high off-road grip, durability and high levels of comfort.



PROXES

The Proxes tire line is a high-performance summer tire range for a wide variety of vehicle classes - from small to powerful sports cars and premium sports coupes. The models are distinguished by excellent controllability and dynamism, pronounced water drainage properties and high performance.



SNOWPROX

Snowprox is the name for the TOYO TIRES highway speed winter tire product range. Used to differentiate European winter tires from the more extreme versions, which are adapted to ice and snow covered roads in Scandinavia for example, the brand name will be phased out over the next few years. All new and replacement winter tires will bear the brand name "Observe".



CELSIUS

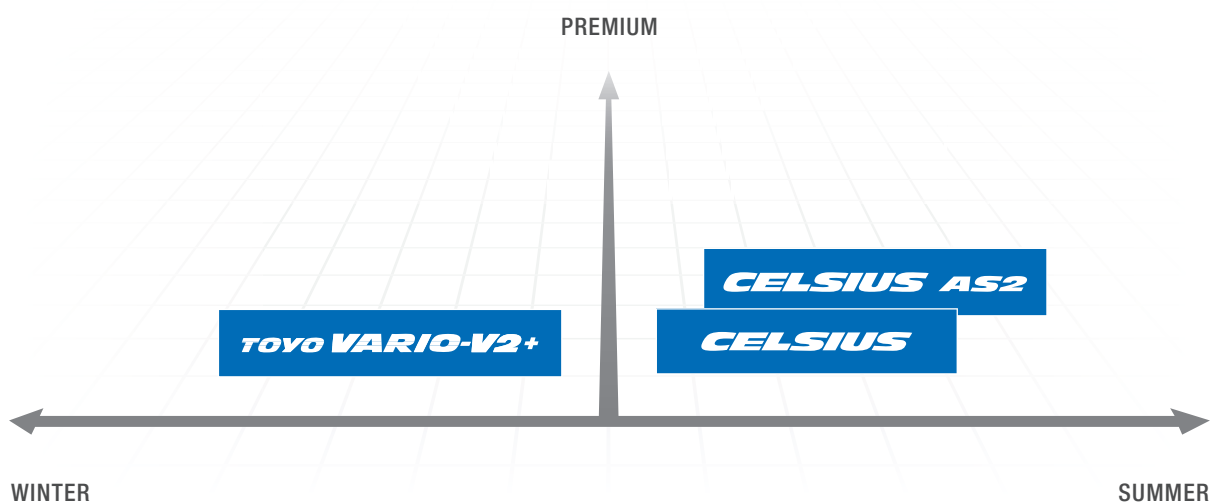
The Celsius All-Season tire range offers year-round performance without the inconvenience of having to change your tires over twice a year. Celsius tires are true all-rounders - delivering safety, control and comfort in all seasons and throughout the life of the tire.

PRODUCT LINES OVERVIEW





ALL SEASON CAR TIRE PRODUCT MAP



CELSIUS AS2



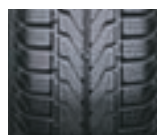
Page
20 - 21

CELSIUS



Page
22 - 23

VARIO V2+



Page
23

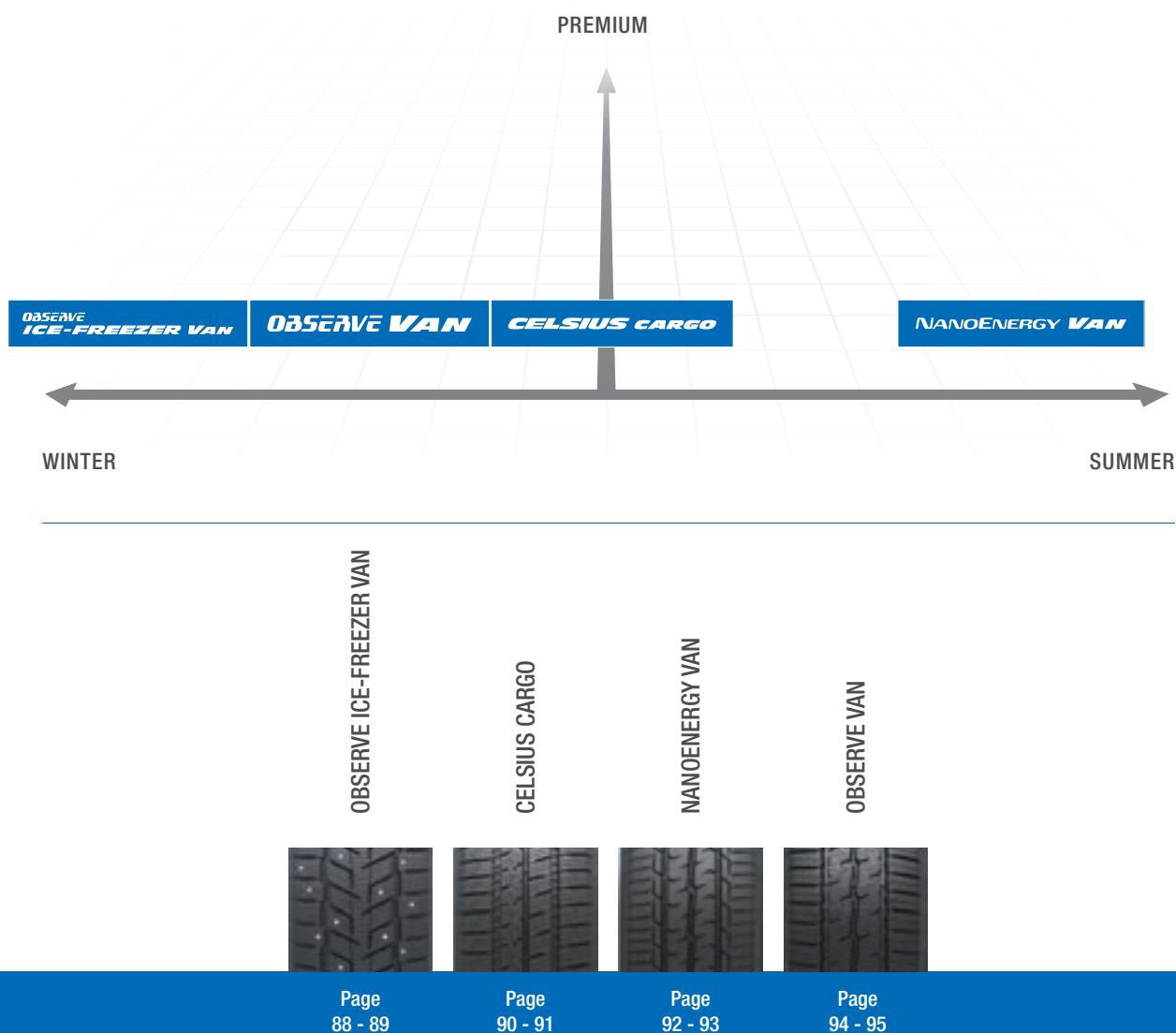


NEW



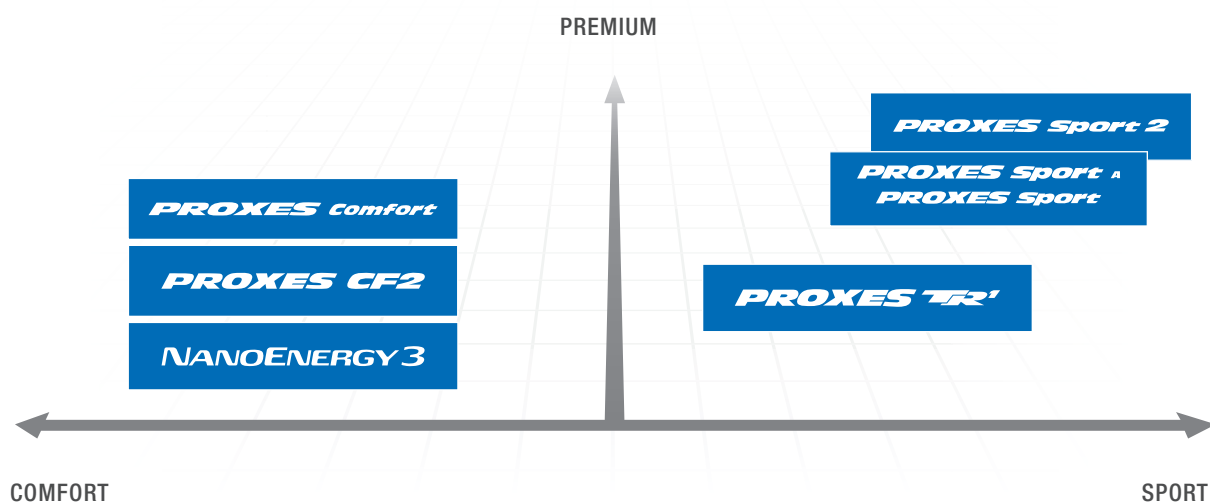
**OBSERVE
ICE-FREEZER VAN**

VAN TIRE PRODUCT MAP





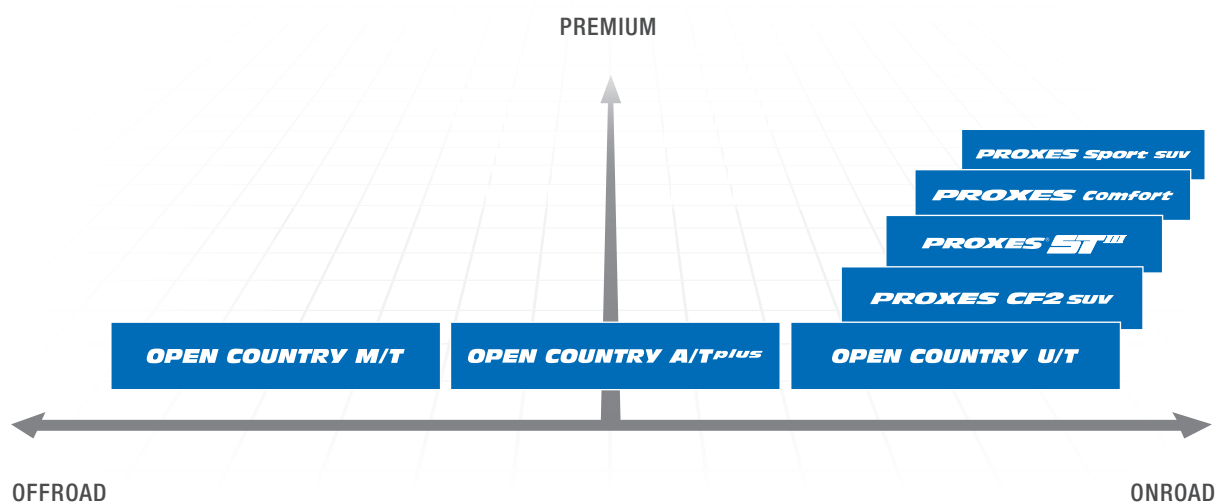
SUMMER CAR TIRE PRODUCT MAP

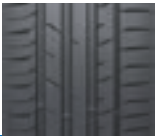


PROXES SPORT 2	PROXES COMFORT	PROXES TR1	PROXES SPORT A	PROXES SPORT	PROXES CF2	NANOENERGY 3
Page 26 - 27	Page 28 - 29	Page 30 - 31	Page 32 - 33	Page 34 - 35	Page 36 - 37	Page 38 - 39



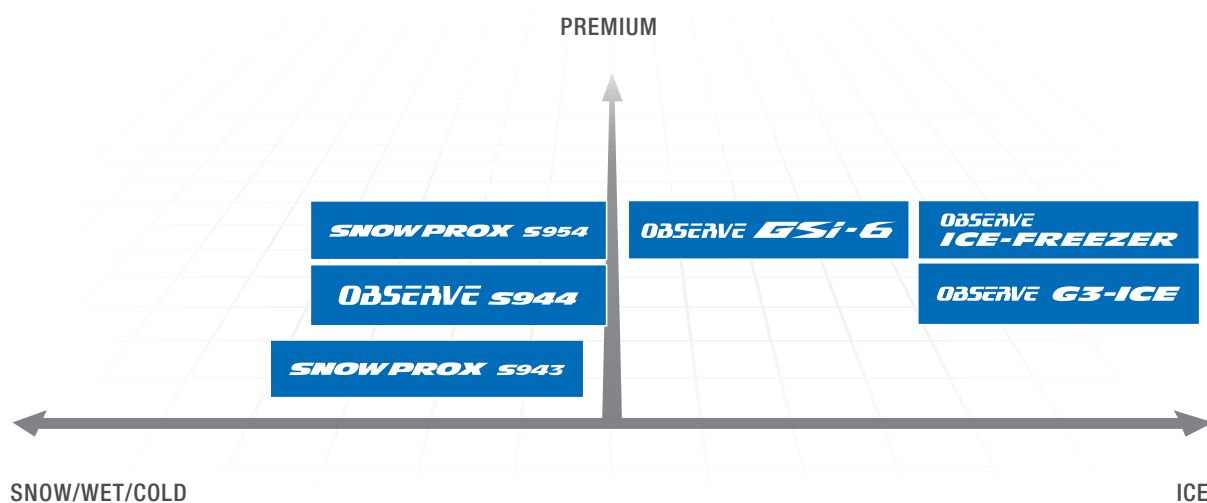
SUV & 4 X 4 TIRE PRODUCT MAP



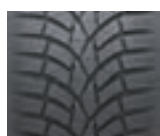
PROXES SPORT SUV	PROXES COMFORT	PROXES ST ^{III}	PROXES CF2 SUV	OPEN COUNTRY U/T	OPEN COUNTRY A/T PLUS	OPEN COUNTRY M/T
						
Page 58 - 59	Page 60 - 61	Page 62 - 63	Page 64 - 65	Page 66 - 67	Page 68 - 69	Page 70 - 71



WINTER CAR TIRE PRODUCT MAP



OBSERVE S944



Page
44 - 45

SNOWPROX S954



Page
46 - 47

SNOWPROX S943



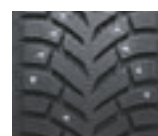
Page
48 - 49

OBSERVE GSi-6



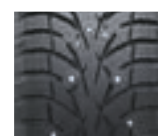
Page
50 - 51

OBSERVE ICE-FREEZER



Page
52 - 53

OBSERVE G3-ICE



Page
54 - 55

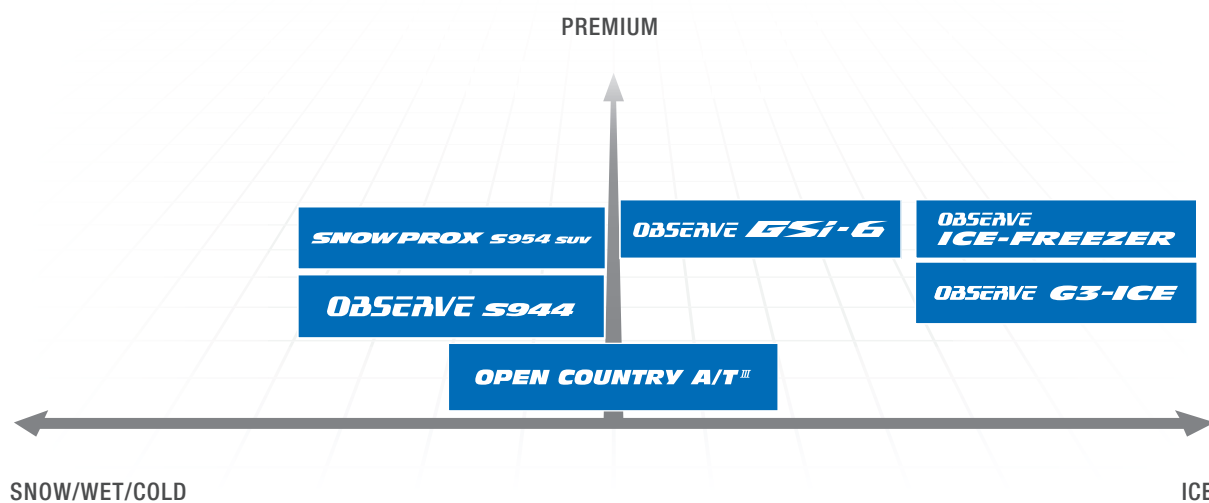


NEW



OPEN COUNTRY A/T III

WINTER SUV & 4 X 4 TIRE PRODUCT MAP



OPEN COUNTRY A/T III

OBSERVE S944 SUV

SNOWPROX S954 SUV

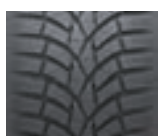
OBSERVE GSi-6

OBSERVE ICE-FREEZER

OBSERVE G3-ICE



Page
74 - 75



Page
76 - 77



Page
78 - 79



Page
80 - 81



Page
82 - 83



Page
84 - 85

ALL SEASON CAR TIRES





ALL SEASON CAR TIRES

TOYO CELSIUS AS2

TOYO CELSIUS

ALL SEASON
CAR TIRES

CELSIUS AS2



T-MODE Nano Balance Technology A.T.O.M.

Celsius AS2 gives year round control, so you can relax and enjoy the drive. Forget changing tires or compromised performance, Celsius AS2 is a fit-and-forget solution allowing you to experience excellent performance throughout its long life.

Impressive stability at highway speeds throughout summer, combined with exceptional safety in winter, to make Celsius AS2 the ultimate all round performer.

You can't control the weather, but you can equip your car for whatever it brings.

M+S marked.



Tire Videos
Celsius AS2



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



C - D



B



71 - 72

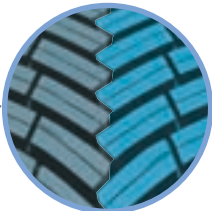
ABC

B

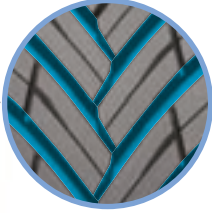
Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

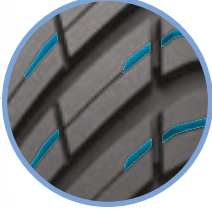
Tread Pattern Features



IMPROVED GRIP PERFORMANCE
Without sacrificing lower rolling resistance.
Innovative compounding design platform:
Nano Balance Technology.



DIRECTIONAL PATTERN
Improved drainage and traction performance.
Aquaplaning avoidance and snow traction.



DYNAMIC TAPER DESIGN
Improved wet and dry braking.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	65	185/65 R15	92V XL	8.0	621	189	284	206	1894	5.5	5.0 - 6.5	C	B	71	B	-
		195/65 R15	91H	7.8	635	201	290	219	1937	6.0	5.5 - 7.0	D	B	71	B	-
	60	185/60 R15	88V XL	7.9	603	189	277	206	1839	5.5	5.0 - 6.5	D	B	71	B	-
		175/55 R15	77T	7.4	573	182	265	198	1748	5.5	5.0 - 6.0	D	B	71	B	-
	55	185/55 R15	82H	7.5	585	194	270	211	1784	6.0	5.0 - 6.5	D	B	71	B	-
		195/55 R15	89V XL	7.9	595	201	274	219	1815	6.0	5.5 - 7.0	D	B	71	B	-
16	65	215/65 R16	102V XL	8.3	686	221	312	241	2092	6.5	6.0 - 7.5	C	B	71	B	-
		175/60 R16	86H XL	7.8	616	177	285	193	1879	5.0	5.0 - 6.0	C	B	71	B	-
	60	195/60 R16	93V XL	8.0	640	201	294	219	1952	6.0	5.5 - 7.0	C	B	71	B	-
		205/60 R16	96V XL	8.1	652	209	299	228	1989	6.0	5.5 - 7.5	C	B	71	B	-
		215/60 R16	99V XL	8.2	664	221	304	241	2025	6.5	6.0 - 7.5	C	B	71	B	-
	55	185/55 R16	87V XL	7.8	610	194	283	211	1861	6.0	5.0 - 6.5	C	B	71	B	-
		195/55 R16	91V XL	7.9	620	201	287	219	1891	6.0	5.5 - 7.0	D	B	71	B	-
		205/55 R16	91H	8.0	632	214	291	233	1928	6.5	5.5 - 7.5	C	B	71	B	-
		205/55 R16	94V XL	8.0	632	214	291	233	1928	6.5	5.5 - 7.5	C	B	71	B	-
		215/55 R16	93V	8.1	642	226	295	246	1958	7.0	6.0 - 7.5	C	B	71	B	-
		225/55 R16	99W XL	8.2	654	233	300	254	1995	7.0	6.0 - 8.0	C	B	71	B	-
	45	195/45 R16	84V XL	7.7	582	195	272	213	1775	6.5	6.0 - 7.5	D	B	71	B	•
		215/45 R16	90V XL	7.9	600	213	279	232	1830	7.0	7.0 - 8.0	D	B	71	B	•
17	65	225/65 R17	106V XL	8.4	724	228	330	249	2208	6.5	6.0 - 8.0	C	B	71	B	-
		235/65 R17	108W XL	8.5	740	242	335	262	2251	7.0	6.5 - 8.5	C	B	71	B	-
	60	215/60 R17	100V XL	8.2	694	222	317	241	2105	6.5	6.0 - 7.5	C	B	71	B	-
		225/60 R17	103V XL	8.3	704	229	321	249	2141	6.5	6.0 - 8.0	C	B	71	B	-
	55	205/55 R17	95W XL	8.0	658	214	304	233	2007	6.5	5.5 - 7.5	C	B	71	B	-
		215/55 R17	98W XL	8.1	668	226	308	246	2037	7.0	6.0 - 7.5	C	B	71	B	-
		225/55 R17	101W XL	8.2	680	233	313	254	2074	7.0	6.0 - 8.0	C	B	71	B	-
		235/55 R17	103W XL	8.3	690	245	317	267	2105	7.5	6.5 - 8.5	C	B	71	B	-
	50	205/50 R17	93W XL	7.4	638	214	296	233	1946	6.5	5.5 - 7.5	C	B	71	B	•
		205/50 R17	93Y XL	7.4	638	214	296	233	1946	6.5	5.5 - 7.5	C	B	71	B	•
		215/50 R17	95W XL	8.0	648	226	300	246	1976	7.0	6.0 - 7.5	C	B	71	B	•
		225/50 R17	98Y XL	7.6	658	233	304	254	2007	7.0	6.0 - 8.0	C	B	71	B	•
		205/45 R17	88W XL	7.8	616	206	288	225	1879	7.0	6.5 - 7.5	D	B	71	B	•
		215/45 R17	91W XL	7.9	626	213	292	232	1909	7.0	7.0 - 8.0	D	B	71	B	•
	45	225/45 R17	94W XL	8.0	634	225	295	245	1934	7.5	7.0 - 8.5	C	B	71	B	•
		235/45 R17	97Y XL	7.6	644	236	299	257	1964	8.0	7.5 - 9.0	C	B	71	B	•
		245/45 R17	99Y XL	7.7	652	243	302	265	1989	8.0	7.5 - 9.0	C	B	71	B	•
18	60	225/60 R18	104V XL	8.3	727	228	334	249	2217	6.5	6.0 - 8.0	C	B	71	B	-
		235/60 R18	107W XL	8.4	739	240	339	262	2254	7.0	6.5 - 8.5	C	B	71	B	-
	55	215/55 R18	99V XL	8.1	693	226	321	246	2114	7.0	6.0 - 7.5	C	B	71	B	-
		225/55 R18	102V XL	8.2	705	233	325	254	2150	7.0	6.0 - 8.0	C	B	71	B	-
		235/55 R18	104V XL	8.3	715	245	329	267	2181	7.5	6.5 - 8.5	C	B	71	B	-
		255/55 R18	109W XL	8.5	737	265	338	289	2248	8.0	7.0 - 9.0	C	B	72	B	-
	50	215/50 R18	92W	8.0	673	226	313	246	2053	7.0	6.0 - 7.5	C	B	71	B	•
		225/50 R18	99W XL	8.1	683	233	317	254	2083	7.0	6.0 - 8.0	C	B	71	B	•
		235/50 R18	101V XL	8.2	693	245	321	267	2114	7.5	6.5 - 8.5	C	B	71	B	•
		225/45 R18	95Y XL	7.5	659	225	307	245	2010	7.5	7.0 - 8.5	C	B	71	B	•
	45	235/45 R18	98Y XL	7.6	669	236	311	257	2040	8.0	7.5 - 9.0	C	B	71	B	•
		245/45 R18	100Y XL	7.7	677	243	314	265	2065	8.0	7.5 - 9.0	C	B	71	B	•
	40	225/40 R18	92Y XL	7.4	637	230	299	251	1943	8.0	7.5 - 9.0	C	B	71	B	•
		235/40 R18	95Y XL	7.5	645	241	302	263	1967	8.5	8.0 - 9.5	C	B	71	B	•
		245/40 R18	97Y XL	7.6	653	248	305	270	1992	8.5	8.0 - 9.5	D	B	71	B	•
19	55	235/55 R19	105W XL	8.3	741	245	342	267	2260	7.5	6.5 - 8.5	C	B	71	B	-
	50	215/50 R19	93T	8.0	699	226	326	246	2132	7.0	6.0 - 7.5	C	B	71	B	•
		255/50 R19	107W XL	8.4	739	265	341	289	2254	8.0	7.0 - 9.0	C	B	72	B	•
	40	235/40 R19	96Y XL	7.5	671	241	315	263	2047	8.5	8.0 - 9.5	D	B	71	B	•
		255/40 R19	100Y XL	7.7	687	260	321	283	2095	9.0	8.5 - 10.0	D	B	72	B	•
	35	235/35 R19	91Y XL	7.4	651	242	305	263	1973	8.5	8.0 - 9.5	D	B	71	B	•
20	45	215/45 R20	95T XL	7.9	702	213	330	232	2141	7.0	7.0 - 8.0	C	B	71	B	•
		245/45 R20	103W XL	8.2	728	243	340	265	2220	8.0	7.5 - 9.0	C	B	71	B	•
		255/45 R20	105W XL	8.3	738	255	344	278	2251	8.5	8.0 - 9.5	C	B	72	B	•
		265/45 R20	108Y XL	7.7	746	266	347	290	2275	9.0	8.5 - 10.0	C	B	72	B	•
	40	275/45 R20	110Y XL	7.7	756	273	351	298	2306	9.0	8.5 - 10.5	C	B	72	B	•
		245/40 R20	99Y XL	7.6	704	248	330	270	2147	8.5	8.0 - 9.5	C	B	71	B	•
		255/40 R20	101Y XL	7.7	712	260	334	283	2172	9.0	8.5 - 10.0	C	B	72	B	•
		275/40 R20	106Y XL	7.7	728	278	340	303	2220	9.5	9.0 - 11.0	C	B	72	B	•

CELSIUS



TOYO Celsius is an all season tire for cars and SUVs and is the smartest tire choice for year round comfort and safety.

Extended mobility in cold temperatures means when the weather changes, your tires don't have to. Celsius delivers control in snowy or wet roads for a wide range of small and medium sized cars.

Innovative components combine to provide highly versatile performance for continuous safe motoring, whatever the conditions. TOYO Celsius is the sensible choice for intelligent drivers.

M+S marked.



14 - 20 inch. Speed indices T, H and V.



D - E



C



69 - 72

ABC

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



VARIABLE SIPE DENSITY

Inside Tread: Higher sipe density for excellent traction on ice and snow.

Outside Tread: Lower sipe density for traction on wet and dry roads.

SNOW CLAWS

Improves deep snow traction. Increases block rigidity for better ice and wet traction.

MULTI-WAVE SIPES

Minimizes irregular wear for a smooth, quiet ride. Improves braking on icy, wet and dry roads.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	70	165/70 R14	85T XL	8.4	588	170	268	185	1793	5.0	4.0 - 5.5	D	C	69	B	-
		175/70 R14	84T	8.5	602	177	274	193	1836	5.0	4.5 - 6.0	E	C	69	B	-
	65	155/65 R14	75T	8.2	558	157	257	171	1702	4.5	4.5 - 5.5	E	C	69	B	-
		165/65 R14	79T	8.3	570	170	261	185	1739	5.0	4.5 - 6.0	E	C	69	B	-
		175/65 R14	86T XL	8.4	584	177	267	193	1781	5.0	5.0 - 6.0	E	C	69	B	-
		185/65 R14	86H	8.5	596	189	272	206	1818	5.5	5.0 - 6.5	E	C	69	B	-
		185/65 R14	86T	8.5	596	189	272	206	1818	5.5	5.0 - 6.5	E	C	69	B	-
	60	185/60 R14	82H	8.4	578	190	265	206	1763	5.5	5.0 - 6.5	E	C	69	B	-
15	65	145/65 R15	72T	8.1	569	191	264	164	1735	4.5	4.0 - 5.0	E	C	69	B	-
		165/65 R15	81T	8.3	595	192	274	185	1815	5.0	4.5 - 6.0	E	C	69	B	-
		175/65 R15	84H	8.4	609	193	279	193	1857	5.0	5.0 - 6.0	E	C	69	B	-
		185/65 R15	88H	8.5	621	194	284	206	1894	5.5	5.0 - 6.5	E	C	69	B	-
		195/65 R15	95V XL	8.6	635	198	290	219	1937	6.0	5.5 - 7.0	D	C	70	B	-
		205/65 R15	94V	8.2	647	199	294	228	1973	6.0	5.5 - 7.5	D	C	70	B	-
	60	155/60 R15	74T	8.1	567	200	263	171	1729	4.5	4.5 - 5.5	E	C	70	B	-
		165/60 R15	77H	8.3	579	201	268	185	1766	5.0	4.5 - 6.0	E	C	69	B	-
		185/60 R15	84T	8.4	603	202	277	206	1839	5.5	5.0 - 6.5	E	C	69	B	-
		195/60 R15	88H	8.5	615	204	282	219	1876	6.0	5.5 - 7.0	D	C	70	B	-
	55	175/55 R15	77T	8.2	573	205	265	198	1748	5.5	5.0 - 6.0	E	C	69	B	•
		195/55 R15	85H	8.4	595	207	274	219	1815	6.0	5.5 - 7.0	E	C	70	B	•
	50	195/50 R15	82H	8.4	577	208	267	219	1760	6.0	5.5 - 7.0	E	C	70	B	•
16	65	215/65 R16	98H	8.3	686	210	312	241	2092	6.5	6.0 - 7.5	D	C	70	B	-
	60	195/60 R16	89H	8.5	640	211	294	219	1952	6.0	5.5 - 7.0	D	C	72	B	-
	55	185/55 R16	83V	7.8	610	214	283	211	1861	6.0	5.0 - 6.5	D	C	70	B	•
		215/55 R16	97V	8.1	642	223	295	246	1958	7.0	6.0 - 7.5	D	C	70	B	•
		225/55 R16	99V	8.2	654	224	300	254	1995	7.0	6.0 - 8.0	D	C	70	B	•
	50	185/50 R16	81H	8.3	592	225	276	211	1806	6.0	5.0 - 6.5	E	C	70	B	•
	45	205/45 R16	83H	8.5	590	226	275	225	1800	7.0	6.5 - 7.5	E	C	72	B	•
17	65	215/65 R17	99V	8.3	712	228	325	241	2172	7.0	6.0 - 7.5	D	C	72	B	-
		225/65 R17	102H	8.9	724	229	330	249	2208	6.5	6.0 - 8.0	D	C	70	B	-
		235/65 R17	108V XL	8.5	738	230	335	262	2251	7.0	6.5 - 8.5	D	C	72	B	-
	60	215/60 R17	96V	8.2	690	231	317	241	2105	6.5	6.0 - 7.5	D	C	70	B	-
		225/60 R17	99V	8.3	702	232	321	249	2141	6.5	6.0 - 8.0	D	C	70	B	-
		205/55 R17	95V XL	8.5	658	233	304	233	2007	6.5	5.5 - 7.5	D	C	72	B	•
	55	215/55 R17	98V XL	8.1	668	234	308	246	2037	7.0	6.0 - 7.5	D	C	72	B	•
		235/55 R17	103V	8.3	690	236	317	267	2105	7.5	6.5 - 8.5	D	C	72	B	•
	50	215/50 R17	95V XL	8.1	648	240	300	246	1976	7.0	6.0 - 7.5	D	C	72	B	•
		235/50 R17	100V	8.3	668	244	308	267	2037	7.5	6.5 - 8.5	D	C	72	B	•
18	45	245/45 R18	100V XL	8.4	677	251	314	265	2065	8.0	7.5 - 9.0	E	C	72	B	•
20	55	195/55 R20	95H XL	8.4	722	253	337	219	2202	6.0	5.5 - 7.0	D	C	72	B	•

TOYO VARIO-V2+

SOME SIZES AVAILABLE AS OLDER MODEL, TOYO VARIO-V2+

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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
13	80	145/80 R13	75T	8.2	561	140	255	153	1711	4.0	3.5 - 5.0	E	D	70	B	-
		155/80 R13	79T	8.3	577	153	261	167	1760	4.5	4.0 - 5.0	E	D	70	B	-
	70	155/70 R13	75T	8.4	550	153	251	167	1678	4.5	4.0 - 5.0	E	D	70	B	-
15	70	195/70 R15	97T	8.8	559	193	257	210	2004	6.0	5.0 - 6.5	D	D	72	B	-

SUMMER CAR TIRES





SUMMER CAR TIRES

PROXES SPORT 2

PROXES COMFORT

PROXES TR1

PROXES SPORT A

PROXES SPORT

PROXES CF2

NANOENERGY 3

OLD TIMER

PROXES Sport 2



reddot winner 2023

Proxes Sport 2, developed using nano technology, delivers exciting and sustainable performance for driving enthusiasts.

The ultra high performance tire allows drivers to maximise their enjoyment of power, safety, with its precise handling and exceptional wet grip.

Optimised for high torque powertrains, Proxes Sport 2 enhances the driving pleasure for all sports drivers on challenging, wet or twisting roads.

18 - 20 inch. Speed indices Y, (Y).



C - D



A



71 - 72

ABC
A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



DYNAMIC TAPER DESIGN

(Lateral grooves)
Improved wet and dry braking.



ASYMMETRIC RIB DESIGN

Traction Groove Edge.
Improved traction and braking.



SHALLOW / SUB GROOVE

Improved wet and dry handling.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
18	60	235/60 R18	107Y XL	7.3	739	240	348	262	2254	7.0	6.5 - 8.5	C	A	71	B	•
	50	235/50 R18	101Y XL	7.3	693	244	321	267	2114	7.5	6.5 - 8.5	C	A	71	B	•
		245/50 R18	104Y XL	7.3	702	252	324	276	2141	7.5	7.0 - 8.5	C	A	71	B	•
	45	215/45 R18	93Y XL	7.1	653	212	304	232	1992	7.0	7.0 - 8.0	D	A	71	B	•
		225/45 ZR18	(95Y) XL	7.2	659	227	307	245	2010	7.5	7.0 - 8.5	D	A	71	B	•
		235/45 ZR18	(98Y) XL	7.3	666	240	311	257	2031	8.0	7.5 - 9.0	C	A	71	B	•
		245/45 R18	100Y XL	7.3	674	244	314	265	2056	8.0	7.5 - 9.0	C	A	71	B	•
		255/45 ZR18	(103Y) XL	7.3	687	255	318	278	2095	8.5	8.0 - 9.5	C	A	71	B	•
	40	215/40 R18	89Y XL	7.0	629	218	296	238	1918	7.5	7.0 - 8.5	D	A	71	B	•
		225/40 R18	92Y XL	7.1	635	233	299	251	1937	8.0	7.5 - 9.0	D	A	71	B	•
		235/40 ZR18	(95Y) XL	7.2	642	246	302	263	1958	8.5	8.0 - 9.5	D	A	71	B	•
		245/40 ZR18	(97Y) XL	7.3	653	249	305	270	1992	8.5	8.0 - 9.5	C	A	71	B	•
		255/40 ZR18	(99Y) XL	7.3	658	263	308	283	2007	9.0	8.5 - 10.0	C	A	71	B	•
	35	275/40 ZR18	(103Y) XL	7.3	674	281	314	303	2056	9.5	9.0 - 11.0	C	A	71	B	•
		225/35 ZR18	(87Y) XL	7.0	615	230	290	251	1876	8.0	7.5 - 9.0	D	A	71	B	•
		245/35 R18	92Y XL	7.2	629	248	296	270	1918	8.5	8.0 - 9.5	D	A	71	B	•
		255/35 R18	94Y XL	7.3	635	260	298	283	1937	9.0	8.5 - 10.0	D	A	71	B	•
		265/35 ZR18	(97Y) XL	7.3	643	271	301	295	1961	9.5	9.0 - 10.5	C	A	71	B	•
19	55	235/55 R19	105Y XL	7.3	740	244	342	267	2257	7.5	6.5 - 8.5	C	A	71	B	•
	50	235/50 R19	103Y XL	7.3	719	245	333	267	2193	7.5	6.5 - 8.5	C	A	71	B	•
		255/50 R19	107Y XL	7.3	738	264	341	289	2251	8.0	7.0 - 9.0	C	A	71	B	•
	45	225/45 ZR19	(96Y) XL	7.2	687	226	245	245	2095	7.5	7.0 - 8.5	C	A	71	B	•
		245/45 R19	102Y XL	7.3	702	245	327	265	2141	8.0	7.5 - 9.0	C	A	71	B	•
		255/45 R19	104Y XL	7.3	713	255	331	278	2175	8.5	8.0 - 9.5	C	A	71	B	•
		225/40 R19	93Y XL	7.1	664	232	312	251	2025	8.0	7.5 - 9.0	D	A	71	B	•
	40	235/40 R19	96Y XL	7.2	671	241	315	263	2047	8.5	8.0 - 9.5	D	A	71	B	•
		245/40 ZR19	(98Y) XL	7.3	679	248	318	270	2071	8.5	8.0 - 9.5	C	A	71	B	•
		255/40 R19	100Y XL	7.3	686	262	321	283	2092	9.0	8.5 - 10.0	C	A	71	B	•
		225/35 ZR19	(88Y) XL	7.0	640	232	303	251	1952	8.0	7.5 - 9.0	D	A	71	B	•
	35	235/35 ZR19	(91Y) XL	7.1	647	243	305	263	1973	8.5	8.0 - 9.5	D	A	71	B	•
		245/35 ZR19	(93Y) XL	7.2	655	248	309	270	1998	8.5	8.0 - 9.5	D	A	71	B	•
		255/35 ZR19	(96Y) XL	7.3	660	260	311	283	2013	9.0	8.5 - 10.0	D	A	71	B	•
		265/35 ZR19	(98Y) XL	7.3	669	273	314	295	2040	9.5	9.0 - 10.5	C	A	71	B	•
		275/35 ZR19	(100Y) XL	7.3	675	269	316	303	2059	9.5	9.0 - 11.0	C	A	71	B	•
	30	285/35 ZR19	(103Y) XL	7.3	683	291	319	316	2083	10.0	9.5 - 11.0	C	A	72	A	•
		255/30 ZR19	(91Y) XL	7.2	637	260	302	283	1943	9.0	8.5 - 9.5	D	A	71	B	•
		305/30 ZR19	(102Y) XL	7.3	668	312	313	341	2037	11.0	10.5 - 11.5	C	A	72	A	•
20	50	255/50 R20	109Y XL	7.3	764	265	354	289	2330	8.0	7.0 - 9.0	C	A	71	B	•
		265/50 R20	111Y XL	7.3	774	277	358	302	2361	8.5	7.5 - 9.5	C	A	71	B	•
	45	245/45 R20	103Y XL	7.3	728	243	340	265	2220	8.0	7.5 - 9.0	C	A	71	B	•
		255/45 R20	105Y XL	7.3	738	255	344	278	2251	8.5	8.0 - 9.5	C	A	71	B	•
		265/45 R20	108Y XL	7.3	746	266	347	290	2275	9.0	8.5 - 10.0	C	A	71	B	•
		275/45 R20	110Y XL	7.3	756	273	351	298	2306	9.0	8.5 - 10.5	C	A	71	B	•
	40	245/40 ZR20	(99Y) XL	7.3	704	248	330	270	2147	8.5	8.0 - 9.5	C	A	71	B	•
		275/40 ZR20	(106Y) XL	7.3	728	278	340	303	2220	9.5	9.0 - 11.0	C	A	71	B	•
	35	245/35 ZR20	(95Y) XL	7.2	680	248	321	270	2074	8.5	8.0 - 9.5	D	A	71	B	•
		255/35 ZR20	(97Y) XL	7.3	686	260	323	283	2092	9.0	8.5 - 10.0	C	A	71	B	•
		265/35 ZR20	(99Y) XL	7.3	694	271	327	295	2117	9.5	9.0 - 10.5	C	A	71	B	•
		315/35 R20	110Y XL	7.3	728	320	340	349	2220	11.0	10.5 - 12.5	C	A	72	A	•
	30	265/30 ZR20	(94Y) XL	7.3	667	272	316	295	2034	9.5	9.0 - 10.0	D	A	71	B	•
		275/30 ZR20	(97Y) XL	7.3	674	278	319	303	2056	9.5	9.0 - 10.0	D	A	72	B	•
21	40	295/40 R21	111Y XL	7.3	769	301	359	328	2345	10.5	10.0 - 11.5	C	A	72	A	•
	30	325/30 R21	108Y XL	7.3	729	331	343	361	2223	11.5	11.0 - 12.0	C	A	72	A	•
22	35	285/35 ZR22	106Y XL	7.3	759	290	357	316	2315	10.0	9.5 - 11.0	C	A	72	A	•

PROXES Comfort



Proxes Comfort, available for car and SUV, was developed to provide premium levels of stability and comfort for relaxed and enjoyable everyday driving.

The tread compound and internal structure of Proxes Comfort give the tire enhanced stability at speed along with confident handling and excellent braking.

Dynamic performance improvements, combine with quiet, comfortable driving to make Proxes Comfort one of the most capable all-round tires available.



Tire Videos
Proxes Comfort

14 - 20 inch. Speed indices H, V and W.



Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



ASYMMETRIC RIB DESIGN WITH HIGH STIFFNESS RIB

Provides firm grip and stability during cornering.

DYNAMIC TAPER DESIGN - LATERAL GROOVES

Improved wet and dry braking.

MAIN GROOVES

Improved wet and dry handling.

HIGH SIPE-DENSITY IN INNER RIB

Improved wet traction.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	65	175/65 R14	82H	6.7	584	177	267	193	1781	5.0	5.0 - 6.0	D	A	70	B	-
	60	185/60 R14	82H	7.0	578	189	265	206	1763	5.5	5.0 - 6.5	D	A	70	B	-
15	65	175/65 R15	88H XL	6.7	609	177	279	193	1857	5.0	5.0 - 6.0	C	A	70	B	-
		185/65 R15	92H XL	7.6	621	189	284	206	1894	5.5	5.0 - 6.5	C	A	70	B	-
		195/65 R15	91V	7.7	635	201	290	219	1937	6.0	5.5 - 7.0	C	A	70	B	-
	60	185/60 R15	88H XL	7.0	603	189	277	206	1839	5.5	5.0 - 6.5	C	A	70	B	-
		195/60 R15	88V	7.6	615	201	282	219	1876	6.0	5.5 - 7.0	D	A	70	B	-
	55	185/55 R15	82H	6.9	585	194	270	211	1784	6.0	5.0 - 6.5	D	A	70	B	-
		195/55 R15	89H XL	7.5	595	201	274	219	1815	6.0	5.5 - 7.0	C	A	70	B	-
	50	195/50 R15	82H	6.9	577	201	267	219	1760	6.0	5.5 - 7.0	D	A	70	B	•
16	60	195/60 R16	89H	7.6	640	201	294	219	1952	6.0	5.5 - 7.0	D	A	70	B	-
		205/60 R16	96V XL	7.7	652	209	299	228	1989	6.0	5.5 - 7.5	C	A	70	B	-
	55	185/55 R16	87V XL	6.9	610	194	283	211	1861	6.0	5.0 - 6.5	C	A	70	B	-
		195/55 R16	91V XL	7.5	620	201	287	219	1891	6.0	5.5 - 7.0	C	A	70	B	-
		205/55 R16	91H	7.6	632	214	291	233	1928	6.5	5.5 - 7.5	C	A	70	B	-
		205/55 R16	91V	7.6	632	214	291	233	1928	6.5	5.5 - 7.5	C	A	70	B	-
		205/55 R16	94V XL	7.6	632	214	291	233	1928	6.5	5.5 - 7.5	C	A	70	B	-
		215/55 R16	97W XL	7.7	642	226	295	246	1958	7.0	6.0 - 7.5	C	A	70	B	-
		225/55 R16	99W XL	7.8	654	233	300	254	1995	7.0	6.0 - 8.0	C	A	70	B	-
	50	195/50 R16	88V XL	6.9	602	201	279	219	1836	6.0	5.5 - 7.0	C	A	70	B	•
	45	195/45 R16	84V XL	6.8	582	195	272	213	1775	6.5	6.0 - 7.5	D	A	70	B	•
		205/45 R16	87W XL	7.5	590	206	275	225	1800	7.0	6.5 - 7.5	D	A	70	B	•
		215/45 R16	90V XL	7.5	600	213	279	232	1830	7.0	7.0 - 8.0	D	A	70	B	•
17	55	205/55 R17	95V XL	7.6	658	214	304	233	2007	6.5	5.5 - 7.5	C	A	70	B	-
		215/55 R17	98W XL	7.7	668	223	308	246	2037	7.0	6.0 - 7.5	C	A	70	B	-
	50	205/50 R17	93W XL	7.5	638	214	296	233	1946	6.5	5.5 - 7.5	C	A	70	B	•
		215/50 R17	95V XL	7.6	648	226	300	246	1976	7.0	6.0 - 7.5	C	A	70	B	•
		225/50 R17	98W XL	7.7	658	233	304	254	2007	7.0	6.0 - 8.0	C	A	70	B	•
		235/50 R17	96W	7.8	668	245	308	267	2037	7.5	6.5 - 8.5	C	A	71	B	•
	45	205/45 R17	88V XL	6.9	616	206	288	225	1879	7.0	6.5 - 7.5	D	A	70	B	•
		225/45 R17	94V XL	7.6	634	225	295	245	1934	7.5	7.0 - 8.5	C	A	70	B	•
	40	215/40 R17	87V XL	6.9	604	218	283	238	1842	7.5	7.0 - 8.5	D	A	70	B	•
		215/40 R17	87V XL	6.9	604	218	283	238	1842	7.5	7.0 - 8.5	D	A	70	B	•
18	45	235/50 R18	101W XL	7.8	693	245	321	267	2114	7.5	6.5 - 8.5	C	A	71	B	•
		225/45 R18	95W XL	7.6	659	225	307	245	2010	7.5	7.0 - 8.5	D	A	70	B	•
		235/45 R18	98W XL	7.7	669	236	311	257	2040	8.0	7.5 - 9.0	C	A	71	B	•
		245/45 R18	100W XL	7.8	677	243	314	265	2065	8.0	7.5 - 9.0	C	A	71	B	•
	40	225/40 R18	92W XL	7.5	637	230	299	251	1943	8.0	7.5 - 9.0	D	A	70	B	•
19	55	205/55 R19	97V XL	7.6	709	214	330	233	2162	6.0	5.5 - 7.5	C	A	70	B	-
	40	225/40 R19	93W XL	7.5	663	230	312	251	2022	8.0	7.5 - 9.0	C	A	70	B	•
		235/40 R19	96W XL	7.6	671	241	315	263	2047	8.5	8.0 - 9.5	C	A	71	B	•
20	55	195/55 R20	95H XL	7.5	722	201	337	219	2202	6.0	5.5 - 7.0	C	A	70	B	-

PROXES TR1



The tread pattern design of Proxes TR1 blends form with function to provide outstanding performance with an individual identity.

Innovative wear indicators allow enthusiastic drivers to take advantage of exceptional handling and grip throughout the life of the tire, ensuring you stay safe and legal.



Tire Videos
Proxes TR1

14 - 20 inch. Speed indices V, W and Y.



D



B



70 - 72

ABC

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



WIDE GROOVE & LONG SLANT GROOVE

(Wet Performance)
Ensures water drainage.

ZIG-ZAG & CONICAL GROOVE

(Dry & Wet Performance)
Ensures water drainage and provides good traction.

HIGH STIFFNESS RIB & TAPER SLIT

(Dry & Wet Performance)
Ensures grip and stability during cornering.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	45	195/45 R14	77V	8.0	532	195	247	213	1623	6.5	6.0 - 7.5	D	B	70	B	•
	40	225/40 R14	82V	8.5	536	230	248	251	1635	8.0	7.5 - 9.0	D	B	70	B	•
15	60	195/60 R15	88V	8.6	615	201	282	219	1876	6.0	5.5 - 7.0	D	B	70	B	
	55	185/55 R15	82V	8.4	585	194	270	211	1784	6.0	5.0 - 6.5	D	B	70	B	•
		195/55 R15	85V	8.5	595	201	274	219	1815	6.0	5.5 - 7.0	D	B	70	B	•
	50	165/50 R15	76V	7.8	547	170	255	185	1668	5.0	4.5 - 6.0	D	B	70	B	•
		195/50 R15	82V	8.4	577	201	267	219	1760	6.0	5.5 - 7.0	D	B	70	B	•
		205/50 R15	89V	8.5	587	214	271	233	1790	6.5	5.5 - 7.5	D	B	70	B	•
		225/50 R15	91V	8.7	607	233	279	254	1851	7.0	6.0 - 8.0	D	B	70	B	•
	45	195/45 R15	78V	8.0	557	195	259	213	1699	6.5	6.0 - 7.5	D	B	70	B	•
		205/45 R15	81V	8.4	565	206	262	225	1723	7.0	6.5 - 7.5	D	B	70	B	•
		215/45 R15	85V	8.5	575	213	266	232	1754	7.0	7.0 - 8.0	D	B	70	B	•
16	55	185/55 R16	83V	8.4	610	194	283	211	1861	6.0	5.0 - 6.5	D	B	70	B	•
		195/55 R16	91V	8.5	620	201	287	219	1891	6.0	5.5 - 7.0	D	B	70	B	•
		205/55 R16	91W	8.3	632	214	291	233	1928	6.5	5.5 - 7.5	D	B	70	B	•
		215/55 R16	93W	8.4	642	226	295	246	1958	7.0	6.0 - 7.5	D	B	70	B	•
		225/55 R16	99W	8.5	654	233	300	254	1995	7.0	6.0 - 8.0	D	B	70	B	•
	50	195/50 R16	84V	8.4	602	201	279	219	1836	6.0	5.5 - 7.0	D	B	70	B	•
		205/50 R16	87W	8.2	612	214	283	233	1867	6.5	5.5 - 7.5	D	B	70	B	•
	45	195/45 R16	84W	8.0	582	195	272	213	1775	6.5	6.0 - 7.5	D	B	70	B	•
		205/45 R16	87W	8.1	590	206	275	225	1800	7.0	6.5 - 7.5	D	B	70	B	•
		225/45 R16	93W	8.0	608	225	282	245	1854	7.5	7.0 - 8.5	D	B	70	B	•
		245/45 R16	94W	8.5	626	243	289	265	1909	8.0	7.5 - 9.0	D	B	70	B	•
	40	215/40 R16	86W	8.1	578	218	270	238	1763	7.5	7.0 - 8.5	D	B	70	B	•
	35	245/35 R16	86W	8.3	578	244	270	266	1763	8.5	8.0 - 9.5	D	B	70	B	•
17	55	205/55 R17	95V	8.6	658	214	304	233	2007	6.5	5.5 - 7.5	D	B	70	B	•
		215/55 R17	94V	8.7	668	226	308	246	2037	7.0	6.0 - 7.5	D	B	70	B	•
		225/55 R17	97W	8.5	680	233	313	254	2074	7.0	6.0 - 8.0	D	B	70	B	•
		235/55 R17	103W	8.6	690	245	317	267	2105	7.5	6.5 - 8.5	D	B	70	B	•
	50	205/50 R17	93W	8.2	638	214	296	233	1946	6.5	5.5 - 7.5	D	B	70	B	•
		215/50 R17	91W	8.3	648	226	300	246	1976	7.0	6.0 - 7.5	D	B	70	B	•
		225/50 R17	94W	8.4	658	233	304	254	2007	7.0	6.0 - 8.0	D	B	70	B	•
	45	195/45 R17	85W	8.0	608	195	285	213	1854	6.5	6.0 - 7.5	D	B	70	B	•
		215/45 R17	91W	8.2	626	213	292	232	1909	7.0	7.0 - 8.0	D	B	70	B	•
		225/45 R17	94W	8.0	634	225	295	245	1934	7.5	7.0 - 8.5	D	B	70	B	•
		225/45 R17	94Y	8.0	634	225	295	245	1934	7.5	7.0 - 8.5	D	B	70	B	•
		235/45 R17	97W	8.4	644	236	299	257	1964	8.0	7.5 - 9.0	D	B	70	B	•
	40	245/45 R17	99W	8.5	652	243	302	265	1989	8.0	7.5 - 9.0	D	B	70	B	•
		205/40 R17	84W	8.0	596	212	280	231	1818	7.5	7.0 - 8.0	D	B	70	B	•
		215/40 R17	87W	8.1	604	218	283	238	1842	7.5	7.0 - 8.5	D	B	70	B	•
	35	245/35 R17	87W	8.3	604	245	283	267	1842	8.5	8.0 - 9.5	D	B	70	B	•
18	50	235/50 R18	101W	8.5	693	245	321	267	2114	7.5	6.5 - 8.5	D	B	70	B	•
	45	215/45 R18	93W	8.2	651	213	304	232	1986	7.0	7.0 - 8.0	D	B	70	B	•
		225/45 R18	95W	8.3	659	225	307	245	2010	7.5	7.0 - 8.5	D	B	70	B	•
		235/45 R18	98W	8.4	669	236	311	257	2040	8.0	7.5 - 9.0	D	B	70	B	•
		245/45 R18	100W	8.5	677	243	314	265	2065	8.0	7.5 - 9.0	D	B	70	B	•
		255/45 R18	99W	8.6	687	255	318	278	2095	8.5	8.0 - 9.5	D	B	72	B	•
	40	215/40 R18	89W	8.1	629	218	296	238	1918	7.5	7.0 - 8.5	D	B	70	B	•
		225/40 R18	92Y	7.9	637	230	299	251	1943	8.0	7.5 - 9.0	D	B	70	B	•
		235/40 R18	95W	8.3	645	241	302	263	1967	8.5	8.0 - 9.5	D	B	70	B	•
		245/40 R18	97W	8.4	653	248	305	270	1992	8.5	8.0 - 9.5	D	B	70	B	•
	35	215/35 R18	84W	8.0	607	218	287	238	1851	7.5	7.0 - 8.5	D	B	70	B	•
		255/35 R18	94W	8.4	635	260	298	283	1937	9.0	8.5 - 10.0	D	B	72	B	•
		265/35 R18	97W	8.5	643	271	301	295	1961	9.5	9.0 - 10.5	D	B	72	B	•
19	35	225/35 R19	88W	8.1	641	230	303	251	1955	8.0	7.5 - 9.0	D	B	70	B	•
		235/35 R19	91W	8.2	647	241	305	263	1973	8.5	8.0 - 9.5	D	B	70	B	•
		245/35 R19	93W	8.3	655	248	309	270	1998	8.5	8.0 - 9.5	D	B	70	B	•
20	35	235/35 R20	92W	8.2	672	241	318	263	2050	8.5	8.0 - 9.5	D	B	70	B	•
		245/35 R20	95W	8.3	680	248	321	270	2074	8.5	8.0 - 9.5	D	B	70	B	•

PROXES Sport A



Proxes Sport A is one evolution of the ultra high performance Proxes line. Building on the high speed handling capabilities of Proxes Sport, the tread pattern, compound and construction of Proxes Sport A were fine tuned to offer enhanced performance, especially in the wet.

Proxes Sport A delivers high speed handling and wet grip to meet the needs of the most demanding drivers.

TOYO TIRES proprietary Nano Balance Technology was employed to develop the Proxes Sport A compound, advanced tire construction and optimised tread pattern design, ensuring superb steering response, stability and driving enjoyment.

17 inch. Speed indices Y.



D



A



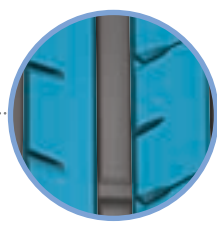
70

ABC
B

Performance Characteristics

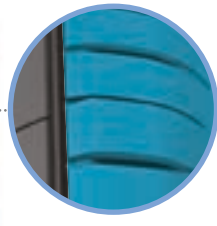
	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



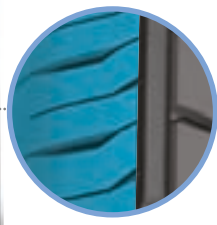
HIGH STIFFNESS RIB

Improves stability.
(Wider than PROXES Sport)



HIGH STIFFNESS SHOULDER BLOCK

Ensures higher grip and improved cornering stability.



HIGH GRIP COMPOUND

Improved wet performance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	55	225/55 ZR17	101Y XL	6.9	680	233	313	254	2074	7.0	6.0 - 8.0	D	A	70	B	•
	50	225/50 ZR17	98Y XL	7.2	658	233	304	254	2007	7.0	6.0 - 8.0	D	A	70	B	•
	45	225/45 ZR17	94Y XL	7.1	634	225	295	245	1934	7.5	7.0 - 8.5	D	A	70	B	•
		235/45 ZR17	97Y XL	7.2	644	236	299	257	1964	8.0	7.5 - 9.0	D	A	70	B	•



PROXES SPORT A

PROXES Sport



The Proxes Sport was designed as a focused, sports performance tire.

High speed handling and wet grip are the core requirements for drivers of the most powerful cars. Proxes Sport was developed to meet these critical needs while still delivering ride comfort and mileage.

Utilising Nano Balance Technology, Proxes Sport features an all-new compound delivering grip, wet or dry. The advanced tire construction, combines with an optimised tread pattern design, to offer enhanced steering response and increased driving enjoyment.



Tire Videos
Proxes Sport

17 - 21 inch. Speed indices Y.



C - D



A - B



70 - 73

ABC

A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



REFLECT BLOCK DESIGN

Improved handling and braking performance.

BARREL RIB

Even distribution of contact pressure.

DYNAMIC TAPER DESIGN

Enhanced traction and handling.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	55	215/55 ZR17	98Y XL	7.6	668	226	308	246	2037	7.0	6.0 - 7.5	C	A	71	B	•
		235/55 ZR17	99Y	7.6	690	245	317	267	2105	7.5	6.5 - 8.5	D	B	71	B	•
	50	205/50 ZR17	93Y XL	7.4	638	214	296	233	1946	6.5	5.5 - 7.5	D	A	71	B	•
		215/50 ZR17	95W XL	7.8	648	226	300	246	1976	7.0	6.0 - 7.5	C	A	71	B	•
		235/50 ZR17	96Y	7.6	668	245	308	267	2037	7.5	6.5 - 8.5	D	A	70	B	•
	45	205/45 ZR17	88Y XL	7.3	616	206	288	225	1879	7.0	6.5 - 7.5	D	A	71	B	•
		215/45 ZR17	91W XL	7.7	626	213	292	232	1909	7.0	7.0 - 8.0	D	A	71	B	•
		245/45 ZR17	99Y XL	7.7	652	243	302	265	1989	8.0	7.5 - 9.0	C	A	71	B	•
		255/45 ZR17	98Y	7.4	662	255	306	278	2019	8.5	8.0 - 9.5	C	A	72	B	•
	40	205/40 ZR17	84W XL	7.5	596	212	280	231	1818	7.5	7.0 - 8.0	D	A	70	B	•
		235/40 ZR17	94Y XL	7.5	620	241	289	263	1891	8.5	8.0 - 9.5	D	A	70	B	•
		245/40 ZR17	95Y XL	7.6	628	248	292	270	1915	8.5	8.0 - 9.5	D	A	71	B	•
		255/40 ZR17	98Y XL	7.7	636	260	296	283	1940	9.0	8.5 - 10.0	C	A	73	B	•
18	50	235/50 ZR18	101Y XL	7.3	693	245	321	267	2114	7.5	6.5 - 8.5	C	A	71	B	•
	40	265/40 ZR18	(101Y) XL	7.6	669	271	311	295	2040	9.5	9.0 - 10.5	C	A	72	B	•
	35	205/35 ZR18	81Y XL	7.1	601	212	285	231	1833	7.5	7.5	D	A	71	B	•
		275/35 ZR18	(99Y) XL	7.6	649	278	303	303	1979	9.5	9.0 - 11.0	C	A	72	B	•
		285/35 ZR18	(101Y) XL	7.6	657	290	307	316	2004	10.0	9.5 - 11.0	C	A	72	A	•
	30	235/30 ZR18	85Y XL	7.3	599	240	284	262	1827	8.5	8.5	D	A	71	B	•
19	40	265/40 ZR19	(102Y) XL	7.6	695	271	324	295	2120	9.5	9.0 - 10.5	C	A	72	B	•
		275/40 ZR19	(105Y) XL	7.7	703	278	327	303	2144	9.5	9.0 - 11.0	C	A	72	B	•
		295/35 ZR19	(104Y) XL	7.6	689	301	322	328	2101	10.5	10.0 - 11.5	C	A	72	A	•
	35	265/30 ZR19	(93Y) XL	7.4	643	271	304	295	1961	9.5	9.0 - 10.0	D	A	72	B	•
		275/30 ZR19	(96Y) XL	7.5	649	278	306	303	1979	9.5	9.0 - 10.0	D	A	72	B	•
		285/30 ZR19	(98Y) XL	7.5	655	290	309	316	1998	10.0	9.5 - 10.5	C	A	72	A	•
	30	295/30 ZR19	(100Y) XL	7.5	661	301	311	328	2016	10.5	10.0 - 11.0	C	A	72	A	•
		325/30 ZR19	(105Y) XL	7.1	679	331	318	361	2071	11.5	11.0 - 12.0	C	A	72	A	•
	40	255/40 ZR20	(101Y) XL	7.5	712	260	334	283	2172	9.0	8.5 - 10.0	C	A	72	B	•
20	35	225/35 ZR20	90Y XL	7.3	666	230	316	251	2031	8.0	7.5 - 9.0	D	A	70	B	•
		275/35 ZR20	(102Y) XL	7.6	700	278	329	303	2135	9.5	9.0 - 11.0	C	A	73	B	•
		285/35 ZR20	(100Y)	7.6	708	290	332	316	2159	10.0	9.5 - 11.0	C	A	72	B	•
		295/35 ZR20	(105Y) XL	7.6	714	301	334	328	2178	10.5	10.0 - 11.5	C	A	72	A	•
		235/30 ZR20	(88Y) XL	7.1	650	241	309	263	1983	8.5	8.5	D	A	70	B	•
	30	255/30 ZR20	(92Y) XL	7.3	662	260	314	283	2019	9.0	8.5 - 9.5	D	A	72	B	•
		285/30 ZR20	(99Y) XL	7.8	680	290	321	316	2074	10	9.5 - 10.5	C	A	72	A	•
		285/25 ZR20	93Y XL	7.6	650	295	309	322	1983	10.5	10.5	D	A	72	A	•
	25	295/25 ZR20	95Y	7.6	656	301	312	328	2001	10.5	10.0 - 11.0	D	A	72	A	•
		305/25 ZR20	(97Y)	7.4	660	313	313	341	2013	11.0	10.5 - 11.5	D	A	72	A	•
21	35	275/35 ZR21	103Y XL	7.8	725	278	341	303	2211	9.5	9.0 - 11.0	D	A	72	B	•
	30	315/30 ZR21	105Y XL	7.7	723	320	341	349	2205	11.0	10.5 - 11.5	C	A	72	A	•

PROXES CF2



The successor of the Proxes CF1 benefits from improved tire construction and a full-silica tread compound. Partly thanks to these, the tire offers a longer tire life, better wet performance and lower fuel consumption, compared to its predecessor.

Proxes CF2 is the right choice for drivers looking for a high performance and safe tire for medium to high powered cars.

14 - 20 inch. Speed indices H, V and W.


C - D


B

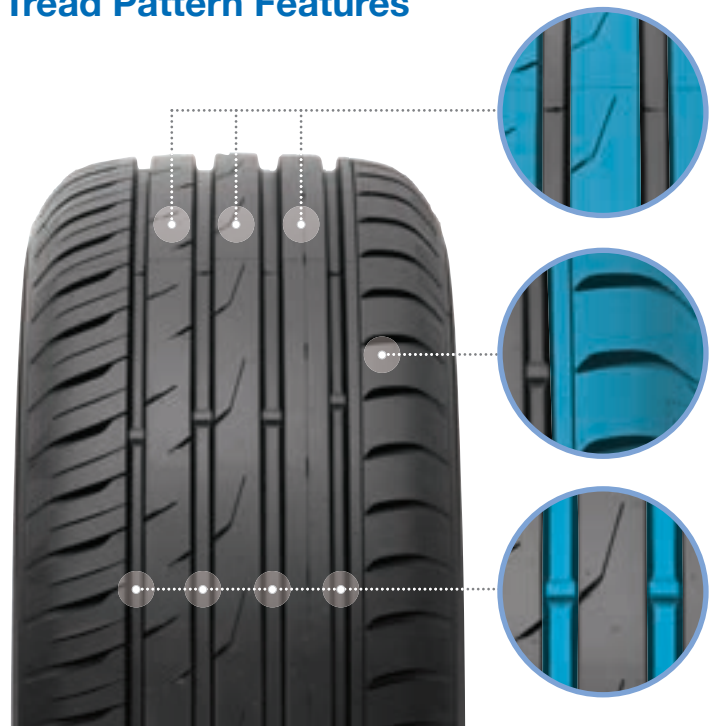

70


B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



OPTIMISED PATTERN STIFFNESS

Low rolling resistance.
Increased wear life.
Improved wet and dry braking.

SHOULDER RIB BLOCK

Low noise production.

FOUR WIDE EVACUATION GROOVES

Excellent wet braking performance (B).
Excellent water clearance.
Outstanding safety and control in potential aquaplaning situations.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	65	185/65 R14	86H	8.1	596	189	272	206	1818	5.5	5.0 - 6.5	C	B	70	B	-
	60	165/60 R14	75H	7.2	554	170	255	185	1690	5.0	4.5 - 6.0	C	B	70	B	-
15	60	165/60 R15	77H	7.2	579	170	268	185	1766	5.0	4.5 - 6.0	D	B	70	B	-
		175/60 R15	81V	7.8	591	177	272	193	1803	5.0	5.0 - 6.0	C	B	70	B	-
16	60	185/60 R16	86H	7.9	628	189	290	206	1915	5.5	5.0 - 6.5	C	B	70	B	-
	50	185/50 R16	81H	7.5	592	194	276	211	1806	6.0	5.0 - 6.5	C	B	70	B	•
17	45	235/45 R17	94V	8.3	644	236	299	257	1964	8.0	7.5 - 9.0	C	B	70	B	•
20	45	245/45 R20	103W XL	7.8	728	243	340	265	2220	8.0	7.5 - 9.0	C	B	70	B	-
	40	245/40 R20	99W XL	7.9	704	248	330	270	2147	8.5	8.0 - 9.5	C	B	70	B	-



PROXES CF2

NANOENERGY 3



tecology T-MODE
Tech & Eco

The NanoEnergy name signifies tires with environmentally friendly production and performance which maintain high levels of safety, comfort and mileage.

The third model in the NanoEnergy family benefits from improved construction materials including innovative polymers in the tread compound. These materials, along with other design technologies incorporated in the NanoEnergy 3, offer longer tire life, better wet performance and lower fuel consumption than the TOYO 350.

NanoEnergy 3, the result of TOYO TIRES Nano Balance Technology, is for drivers of compact and mid-range cars looking for a fuel efficient and safe tire.

13 - 15 inch. Speed indices T.



ABC
A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



RIB TYPE PATTERN

Low rolling resistance.
Improved wet and dry braking.
Longer wear life.

3D MULTI-WAVE SIPES

Reduced pattern noise.
Prevention of irregular wear.

WIDE STRAIGHT GROOVES WITH SILENT WALL

Excellent resistance to aquaplaning.
Reduced noise emission.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
13	80	155/80 R13	79T	6.3	578	157	262	171	1763	4.5	4.0 - 5.0	C	C	69	B	-
	70	155/70 R13	75T	6.5	548	157	250	171	1671	4.5	4.0 - 5.0	C	C	69	B	-
		165/70 R13	79T	7.3	562	170	256	185	1714	5.0	4.0 - 5.5	C	C	69	B	-
		175/70 R13	82T	7.4	576	177	261	193	1757	5.0	4.5 - 6.0	C	C	69	B	-
	65	155/65 R13	73T	6.7	532	157	244	171	1623	4.5	4.5 - 5.5	C	C	69	B	-
		165/65 R13	77T	7.1	544	170	248	185	1659	5.0	4.5 - 6.0	C	C	69	B	-
14	70	165/70 R14	81T	7.3	588	170	268	185	1793	5.0	4.0 - 5.5	C	C	69	B	-
		165/70 R14	85T XL	7.3	588	170	268	185	1793	5.0	4.0 - 5.5	C	C	69	B	-
		175/70 R14	88T XL	7.4	602	177	274	193	1836	5.0	4.5 - 6.0	B	C	69	B	-
		185/70 R14	88T	7.5	616	189	279	206	1879	5.5	4.5 - 6.0	C	C	69	B	-
		195/70 R14	91T	7.6	630	201	285	219	1922	6.0	5.0 - 6.5	C	C	69	B	-
	65	155/65 R14	75T	6.7	558	157	257	171	1702	4.5	4.5 - 5.5	C	C	69	B	-
		165/65 R14	79T	7.1	570	177	261	193	1739	5.0	4.5 - 6.0	C	C	69	B	-
		175/65 R14	82T	7.5	584	177	267	193	1781	5.0	5.0 - 6.0	C	C	69	B	-
		175/65 R14	86T	7.5	584	177	267	193	1781	5.0	5.0 - 6.0	C	C	69	B	-
		185/65 R14	86T	7.6	596	189	272	206	1818	5.5	5.0 - 6.5	C	C	69	B	-
	60	165/60 R14	75T	6.9	554	170	255	185	1690	5.0	4.5 - 6.0	C	C	69	B	-
15	65	145/65 R15	72T	6.6	569	150	264	164	1735	4.5	4.0 - 5.0	C	C	69	B	-
		165/65 R15	81T	7.1	595	170	274	185	1815	5.0	4.5 - 6.0	C	C	69	B	-
		175/65 R15	84T	7.5	609	177	279	193	1857	5.0	5.0 - 6.0	C	C	69	B	-
		185/65 R15	92T XL	7.6	621	189	284	206	1894	5.5	5.0 - 6.5	B	C	69	B	-
		195/65 R15	91T	7.7	635	201	290	219	1937	6.0	5.5 - 7.0	C	C	69	B	-
		195/65 R15	95T XL	7.7	635	201	290	219	1937	6.0	5.5 - 7.0	B	C	69	A	-
	60	185/60 R15	84T	7.5	603	189	277	206	1839	5.5	5.0 - 6.5	C	C	69	B	-
	55	175/55 R15	77T	7.4	573	182	265	198	1748	5.5	5.0 - 6.0	C	C	69	B	-



NANOENERGY 3

OLD TIMER



TOYO 350

Reintroduced for cars first registered before October 1, 1990, TOYO 350 is ideal for small and medium cars. This classic tire offers safety, comfort and economy.

14 inch. Speed indices T.

Toyo 350 is exempt from regulation EC 1222/2009 and UN/ECE-R117-02 as the tire is designed to be fitted only to vehicles first registered before 1 October 1990.

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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	80	175/80 R14	88T	7.9	636	170	287	185	1940	5.0	4.5 - 6.0	-	-	-	-	-



TOYO 310

Reintroduced for cars first registered before October 1 1990, TOYO 310 offers safe motoring and good mileage for classic cars.

14 - 15 inch. Speed indices S.

Toyo 310 is exempt from regulation EC 1222/2009 and UN/ECE-R117-02 as the tire is designed to be fitted only to vehicles first registered before 1 October 1990.

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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	80	155 R14	80S	8.0	605	156	275	175	1847	4.5	4.0 - 5.0	-	-	-	-	-
15	80	135 R15	72S	6.7	599	136	275	152	1828	4.0	3.5 - 4.5	-	-	-	-	-
		155 R15	82S	8.0	631	156	289	175	1923	4.5	4.0 - 5.0	-	-	-	-	-



WINTER CAR TIRES





WINTER CAR TIRES

OBSERVE S944

SNOWPROX S954

SNOWPROX S943

OBSERVE GSi-6

OBSERVE ICE-FREEZER

OBSERVE G3-ICE

OBSERVE S944



Observe S944 benefits from TOYO TIRES' Nano Balance Technology. The combination of its materials, construction and compounds offers safe and comfortable driving, which can still be enjoyed when the weather turns cooler.

Designed to cope with typical cold and rainy European winters, Observe S944 is safe and secure if snow falls, or icy roads make driving more challenging.

M+S marked.



Tire Videos
Observe S944

14 - 19 inch. Speed indices T, H, V and W.



D - E



B



69 - 72

ABC

A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



CONNECTED BLOCK

Improves stability.

SIPE ANGLE DIVIDED IN 3 PARTS

Center - Snow traction.
Middle - Snow handling.
Shoulder - Snow braking.

ONE WAY PATTERN

Compatible drainage and traction performance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	65	175/65 R14	86T XL	8.0	584	177	267	193	1781	5.0	5.0 - 6.0	D	B	70	B	-
		175/65 R15	88T XL	8.0	609	177	279	193	1857	5.0	5.0 - 6.0	D	B	70	B	-
		185/65 R15	92H XL	8.5	621	189	284	206	1894	5.5	5.0 - 6.5	E	B	70	B	-
		195/65 R15	91H	8.6	635	201	290	219	1937	6.0	5.5 - 7.0	D	B	71	B	-
15	60	195/65 R15	95T XL	8.6	635	201	290	219	1937	6.0	5.5 - 7.0	D	B	71	B	-
		185/60 R15	88H XL	8.4	603	189	277	206	1839	5.5	5.0 - 6.5	E	B	70	B	-
	55	185/55 R15	82H	7.9	585	194	270	211	1784	6.0	5.0 - 6.5	D	B	70	B	-
		195/55 R15	89H XL	8.4	595	201	274	219	1815	6.0	5.5 - 7.0	E	B	71	B	-
16	65	205/65 R16	95V	8.7	672	209	307	228	2050	6.0	5.5 - 7.5	D	B	71	B	-
		185/60 R16	86H	8.4	628	189	290	206	1915	5.5	5.0 - 6.5	E	B	70	B	-
	60	205/60 R16	96H XL	8.6	652	209	299	228	1989	6.0	5.5 - 7.5	D	B	71	B	-
		215/60 R16	99H XL	8.7	664	221	304	241	2025	6.5	6.0 - 7.5	D	B	71	B	-
	55	195/55 R16	91H XL	8.4	620	201	287	219	1891	6.0	5.5 - 7.0	D	B	71	B	-
		205/55 R16	91H	8.5	632	214	291	233	1928	6.5	5.5 - 7.5	D	B	69	A	-
		205/55 R16	94V XL	8.5	632	214	291	233	1928	6.5	5.5 - 7.5	D	B	71	B	-
		215/55 R16	97H XL	8.6	642	226	295	246	1958	7.0	6.0 - 7.5	D	B	71	B	-
	50	225/55 R16	99V XL	8.7	654	233	300	254	1995	7.0	6.0 - 8.0	D	B	71	B	-
		185/50 R16	81H	7.7	592	194	276	211	1806	6.0	5.0 - 6.5	E	B	70	B	•
		195/50 R16	88H XL	8.2	602	201	279	219	1836	6.0	5.5 - 7.0	D	B	71	B	•
	45	195/45 R16	84H XL	7.9	582	195	272	213	1775	6.5	6.0 - 7.5	E	B	71	B	•
		215/45 R16	90H XL	8.2	600	213	279	232	1830	7.0	7.0 - 8.0	E	B	71	B	•
	40	215/40 R16	86H XL	8.1	578	218	270	238	1763	7.5	7.0 - 8.5	E	B	71	B	•
17	55	205/55 R17	95V XL	8.5	658	214	304	233	2007	6.5	5.5 - 7.5	D	B	71	B	-
		215/55 R17	98V XL	8.6	668	226	308	246	2037	7.0	6.0 - 7.5	D	B	71	B	-
		225/55 R17	101V XL	8.7	680	233	313	254	2074	7.0	6.0 - 8.0	E	B	71	B	-
		235/55 R17	103V XL	8.8	690	245	317	267	2105	7.5	6.5 - 8.5	D	B	72	B	-
	50	205/50 R17	93V XL	8.3	368	214	296	233	1946	6.5	5.5 - 7.5	D	B	71	B	•
		215/50 R17	95V XL	8.4	648	226	300	246	1976	7.0	6.0 - 7.5	D	B	71	B	•
		225/50 R17	98V XL	8.5	658	233	304	254	2007	7.0	6.0 - 8.0	D	B	71	B	•
		205/45 R17	88H XL	8.1	616	206	288	225	1879	7.0	6.5 - 7.5	E	B	71	B	•
	45	215/45 R17	91H XL	8.2	626	213	292	232	1909	7.0	7.0 - 8.0	E	B	71	B	•
		225/45 R17	94V XL	8.3	634	225	295	245	1934	7.5	7.0 - 8.5	D	B	71	B	•
	40	215/40 R17	87V XL	8.1	604	218	283	238	1842	7.5	7.0 - 8.5	E	B	71	B	•
18	50	215/50 R18	92V TL	8.4	673	226	313	246	2053	7.0	6.0 - 7.5	D	B	71	B	•
	45	215/45 R18	93V XL	8.2	651	213	304	232	1986	7.0	7.0 - 8.0	D	B	71	B	•
		225/45 R18	95V XL	8.3	659	225	307	245	2010	7.5	7.0 - 8.5	D	B	71	B	•
	40	205/40 R18	86V	8.0	621	212	292	231	1894	7.5	7.0 - 8.0	E	B	71	B	•
		215/40 R18	89V XL	8.1	629	218	296	238	1918	7.5	7.0 - 8.5	E	B	71	B	•
		225/40 R18	92W XL	8.2	637	230	299	251	1943	8.0	7.0 - 9.0	D	B	71	B	•
19	50	215/50 R19	93T	8.4	699	226	326	246	2132	7.0	6.0 - 7.5	D	B	71	B	•
	45	225/45 R19	96W XL	8.3	685	225	320	245	2089	7.5	7.0 - 8.5	D	B	71	B	•
		235/45 R19	99V XL	8.4	695	236	324	257	2120	8.0	7.5 - 9.0	D	B	72	B	•
	40	225/40 R19	93V XL	8.2	663	230	312	251	2022	8.0	7.5 - 9.0	E	B	71	B	•

SNOWPROX S954



The Ultra High Performance winter tire, Snowprox S954, perfectly responds to the demands of modern, medium and high-class cars.

Snowprox S954 offers confident braking and grip on wet and snowy roads. Major innovations in the tread pattern and compound technology provide safe and precise handling in typical European winter conditions.

M+S marked.



Tire Videos
Snowprox S954

16 - 21 inch. Speed indices H, V and W.



D - E



B - C



70 - 72

ABC

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



TREAD COMPOUND

Better grip in the snow and wet.

ASYMMETRICAL DESIGN

Exceptional wet grip with 10% short stopping distance on wet roads (compared to S953).

SILICA COMPOUND

Improved dispersion of silica and lowered heat generation for wet performance and low rolling road resistance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	55	225/55 R16	95H	8.7	654	233	300	254	1995	7.0	6.0 - 8.0	D	B	71	B	•
	50	185/50 R16	81H	8.3	592	194	276	211	1806	6.0	5.0 - 6.5	D	B	70	B	•
		195/50 R16	88H	8.4	602	201	279	219	1836	6.0	5.5 - 7.0	D	C	71	B	•
		205/50 R16	91H XL	8.5	612	214	283	233	1867	6.5	5.5 - 7.5	D	C	71	B	•
		225/50 R16	92H	8.7	632	233	291	254	1928	7.0	6.0 - 8.0	D	C	71	B	•
	45	195/45 R16	84H	8.4	582	195	272	213	1775	6.5	6.0 - 7.5	D	C	71	B	•
		205/45 R16	87H XL	8.5	590	206	275	225	1800	7.0	6.5 - 7.5	D	C	71	B	•
		215/45 R16	90H XL	8.6	600	213	279	232	1830	7.0	7.0 - 8.0	D	C	71	B	•
17	50	235/50 R17	96V	8.8	668	245	308	267	2037	7.5	6.5 - 8.5	D	B	71	B	•
	45	235/45 R17	97V XL	8.8	644	236	299	257	1964	8.0	7.5 - 9.0	D	B	71	B	•
		245/45 R17	99V	8.9	652	243	302	265	1989	8.0	7.5 - 9.0	D	B	71	B	•
	40	255/40 R17	98V TL	9.0	636	260	296	283	1940	9.0	8.5 - 10.0	D	C	72	B	•
18	45	235/45 R18	98V XL	8.8	669	236	311	257	2040	8.0	7.5 - 9.0	D	B	71	B	•
		245/45 R18	100V XL	8.9	677	243	314	265	2065	8.0	7.5 - 9.0	D	B	71	B	•
		255/45 R18	99V	9.0	687	255	318	278	2095	8.5	8.0 - 9.5	D	C	72	B	•
	40	225/40 R18	92V XL	8.7	637	230	299	251	1943	8.0	7.5 - 9.0	D	B	71	B	•
		225/40 R18	92W XL	8.7	637	230	299	251	1943	8.0	7.5 - 9.0	D	B	71	B	•
		235/40 R18	95V XL	8.8	645	241	302	263	1967	8.5	8.0 - 9.5	D	B	71	B	•
		245/40 R18	97V XL	8.9	653	248	305	270	1992	8.5	8.0 - 9.5	D	B	71	B	•
	35	245/35 R18	92V XL	8.9	629	248	296	270	1918	8.5	8.0 - 9.5	D	C	71	B	•
		255/35 R18	94W XL	9.0	635	260	298	283	1937	9.0	8.5 - 10.0	D	C	72	B	•
19	40	235/40 R19	96W XL	8.8	671	241	315	263	2047	8.5	8.0 - 9.5	D	B	71	B	•
		245/40 R19	98W XL	8.9	679	248	318	270	2071	8.5	8.0 - 9.5	D	B	71	B	•
		255/40 R19	100V XL	9.0	687	260	321	283	2095	9.0	8.5 - 10.0	D	C	72	B	•
	35	225/35 R19	88W XL	8.7	641	230	303	251	1955	8.0	7.5 - 9.0	E	B	71	B	•
		235/35 R19	91W XL	8.8	647	241	305	263	1973	8.5	8.0 - 9.5	E	C	72	B	•
		255/35 R19	96W XL	9.0	661	260	311	283	2016	9.0	8.5 - 10.0	D	C	72	B	•
		275/35 R19	100V XL	9.2	675	278	316	303	2059	9.5	9.0 - 11.0	D	C	72	B	•
	30	255/30 R19	91W XL	9.0	637	260	302	283	1943	9.0	8.5 - 9.5	E	C	72	B	•
20	55	195/55 R20	95H XL	8.4	722	201	337	219	2202	6.0	5.5 - 7.0	D	C	71	B	•
	40	245/40 R20	99W XL	8.9	704	248	330	270	2147	8.5	8.0 - 9.5	D	C	71	B	•
		255/40 R20	101W XL	9.0	712	260	334	283	2172	9.0	8.5 - 10.0	D	C	72	B	•
		265/40 R20	104V XL	9.1	720	271	337	295	2196	9.5	9.0 - 10.5	D	C	72	B	•
	35	245/35 R20	95V XL	8.9	680	248	321	270	2074	8.5	8.0 - 9.5	D	C	71	B	•
		255/35 R20	97W XL	9.0	686	260	323	283	2092	9.0	8.5 - 10.0	D	C	72	B	•
	30	255/30 R20	92W XL	9.0	662	260	314	283	2019	9.0	8.5 - 9.5	E	C	72	B	•
21	35	265/30 R20	94W XL	9.1	668	271	316	295	2037	9.5	9.0 - 10.0	D	C	72	B	•
		275/35 R21	103V XL	9.2	725	278	341	303	2211	9.5	9.0 - 11.0	D	C	72	B	•

SNOWPROX S943



Snowprox S943 is suitable for a wide range of small and medium sized cars. Compared to its predecessor Snowprox S942, the Snowprox S943 offers enhanced wet grip, wear life and rolling resistance with improved EU label grades.

Highest level of wet and dry performance have been achieved without sacrificing snow performance.

M+S marked.



14 - 16 inch. Speed indices T and H.


C - D


C

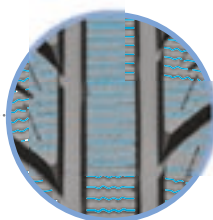

70

ABC
B

Performance Characteristics

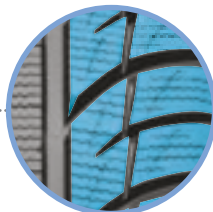
	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



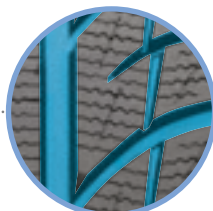
INCREASED SIPE DENSITY AND OPTIMISED GROOVE RATIO

Balanced performance in snow, wet and dry.
Grip on snow.
Improved mileage.



WIDE SHOULDER BLOCKS WITH HIGH SIPE DENSITY

Improved braking in wet and snow conditions.



TWO WIDE LONGITUDINAL GROOVES AND DIRECTIONAL TREAD

Excellent slush and water clearance.
Increased grip on snow.
Improved rain performance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	70	165/70 R14	85T XL	8.7	588	170	268	185	1793	5.0	4.0 - 5.5	D	C	70	B	-
		175/70 R14	88T XL	8.8	602	177	274	193	1836	5.0	4.5 - 6.0	D	C	70	B	-
		185/70 R14	88T	9.4	616	189	279	206	1879	5.5	4.5 - 6.0	D	C	70	B	-
	65	165/65 R14	79T	8.7	570	170	261	185	1739	5.0	4.5 - 6.0	D	C	70	B	-
		185/65 R14	86T	9.4	596	189	272	206	1818	5.5	5.0 - 6.5	D	C	70	B	-
	60	185/60 R14	82H	8.9	578	189	265	206	1763	5.5	5.0 - 6.5	D	C	70	B	-
15	65	165/65 R15	81H	8.7	595	170	274	185	1815	5.0	4.5 - 6.0	D	C	70	B	-
		205/65 R15	94H	9.6	647	209	294	228	1973	6.0	5.5 - 7.5	D	C	70	B	-
		205/65 R15	94T	9.6	647	209	294	228	1973	6.0	5.5 - 7.5	C	C	70	B	-
		205/65 R15	99T XL	9.6	647	209	294	228	1973	6.0	5.5 - 7.5	C	C	70	B	-
		215/65 R15	96H	9.7	661	221	300	241	2016	6.5	6.0 - 7.5	C	C	70	B	-
	60	155/60 R15	74T	8.6	567	157	263	171	1729	4.5	4.5 - 5.5	D	C	70	B	-
		165/60 R15	77H	8.7	579	170	268	185	1766	5.0	4.5 - 6.0	D	C	70	B	-
		175/60 R15	81H	8.8	591	177	272	193	1803	5.0	5.0 - 6.0	D	C	70	B	-
		195/60 R15	88H	9.5	615	201	282	219	1876	6.0	5.5 - 7.0	D	C	70	B	-
		205/60 R15	95H XL	9.6	627	209	286	228	1912	6.0	5.5 - 7.5	D	C	70	B	-
		215/60 R15	98H XL	9.7	639	221	291	241	1949	6.5	6.0 - 7.5	C	C	70	B	-
		225/60 R15	96H	9.7	651	228	296	249	1986	6.5	6.0 - 8.0	D	C	70	B	-
	55	175/55 R15	77T	7.6	573	182	265	198	1748	5.5	5.0 - 6.0	D	C	70	B	-
16	60	175/60 R16	82H	8.8	616	177	285	193	1879	5.0	5.0 - 6.0	D	C	70	B	-
		195/60 R16	93H XL	9.5	640	201	294	219	1952	6.0	5.5 - 7.0	D	C	70	B	-
		225/60 R16	102H XL	9.7	676	228	308	249	2062	6.5	6.0 - 8.0	C	C	70	B	-
		235/60 R16	104H XL	9.8	688	240	313	262	2098	7.0	6.5 - 8.5	C	C	70	B	-
	55	185/55 R16	87H XL	8.7	610	194	283	211	1861	6.0	5.0 - 6.5	D	C	70	B	-



SNOWPROX S943

OBSERVE GSi-6

Observe GSi-6 has been optimised to perform safely and securely in a variety of winter driving conditions. Its compound, advanced construction and aggressive tread design enable drivers to overcome any road conditions; whether ice, snow or slush.

M+S marked.



14 - 22 inch. Speed indices H and V.



E



E



70 - 73

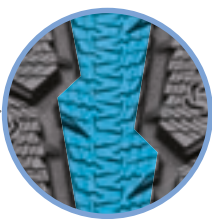
ABC

B

Performance Characteristics

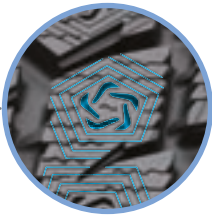
	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



SERRATED STABILITY RIB

Edge effect on snow surface.
Provides good snow traction.



SPIRAL EDGE SIPE

Edge effect to 360° on ice and snow surface.
Provides good cornering performance.



CONTINUOUS SWING SIPE

Edge effect by controlling of sipe binding and exhibits water removal power more effectively.
Provides good Ice braking performance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	70	175/70 R14	84H	8.8	602	177	274	193	1836	5.0	4.5 - 6.0	E	E	70	B	-
		185/70 R14	88H	8.9	616	189	279	206	1879	5.5	4.5 - 6.0	E	E	70	B	-
		195/70 R14	91H	9.0	630	201	285	219	1922	6.0	5.0 - 6.5	E	E	70	B	-
	65	175/65 R14	82H	8.7	584	177	267	193	1781	5.0	5.0 - 6.0	E	E	71	B	-
		185/65 R14	86H	8.8	596	189	272	206	1818	5.5	5.0 - 6.5	E	E	71	B	-
15	70	205/70 R15	96H	9.1	669	209	303	228	2040	6.0	5.0 - 7.0	E	E	70	B	-
		215/70 R15	98H	9.8	683	221	308	241	2083	6.5	5.5 - 7.0	E	E	70	B	-
	65	175/65 R15	84H	8.7	609	177	279	193	1857	5.0	5.0 - 6.0	E	E	71	B	-
		185/65 R15	88H	8.8	622	192	284	210	1897	5.5	5.0 - 6.5	E	E	70	B	-
		195/65 R15	91H	8.9	635	201	290	219	1937	6.0	5.5 - 7.0	E	E	71	B	-
		205/65 R15	94H	9.0	647	203	294	221	1973	6.0	5.5 - 7.5	E	E	71	B	-
	60	185/60 R15	84H	8.7	603	189	277	206	1839	5.5	5.0 - 6.5	E	E	70	B	-
		195/60 R15	88H	8.8	615	201	282	219	1876	6.0	5.5 - 7.0	E	E	71	B	-
	55	185/55 R15	82H	8.6	585	194	270	211	1784	6.0	5.0 - 6.5	E	E	70	B	•
16	70	205/70 R16	97H	9.1	694	209	315	228	2117	6.0	5.0 - 7.0	E	E	70	B	-
	65	205/65 R16	95H	9.0	672	209	307	228	2050	6.0	5.5 - 7.5	E	E	71	B	-
	60	185/60 R16	86H	8.7	628	189	290	206	1915	5.5	5.0 - 6.5	E	E	70	B	-
		195/60 R16	89H	8.8	640	201	294	219	1952	6.0	5.5 - 7.0	E	E	70	B	-
		205/60 R16	92H	8.9	652	209	299	228	1989	6.0	5.5 - 7.5	E	E	70	B	-
		205/60 R16	96H XL	8.9	652	209	299	228	1989	6.0	5.5 - 7.5	E	E	70	B	-
		215/60 R16	95H	9.0	664	221	304	241	2025	6.5	6.0 - 7.5	E	E	70	B	-
	55	225/60 R16	98H	9.7	676	228	308	249	2062	6.5	6.0 - 8.0	E	E	70	B	-
		185/55 R16	83H	8.6	610	194	283	211	1861	6.0	5.0 - 6.5	E	E	70	B	•
		195/55 R16	87H	8.6	620	201	287	219	1891	6.0	5.5 - 7.0	E	E	71	B	•
		205/55 R16	94H XL	8.6	632	214	291	233	1928	6.5	5.5 - 7.5	E	E	71	B	•
		215/55 R16	97H XL	8.9	642	226	295	246	1958	7.0	6.0 - 7.5	E	E	71	B	•
	50	195/50 R16	84H	8.6	602	201	279	219	1836	6.0	5.5 - 7.0	E	E	71	B	•
	60	195/60 R17	90H	8.8	666	201	307	219	2031	6.0	5.5 - 7.0	E	E	70	B	-
	55	215/55 R17	98H XL	8.9	668	226	308	246	2037	7.0	6.0 - 7.5	E	E	71	B	•
		225/55 R17	97H	9.0	680	233	313	254	2074	7.0	6.0 - 8.0	E	E	71	B	•
		205/50 R17	93H XL	8.7	638	214	296	233	1946	6.5	5.5 - 7.5	E	E	71	B	•
		215/50 R17	95H XL	8.8	648	226	300	246	1976	7.0	6.0 - 7.5	E	E	71	B	•
		225/50 R17	94V	8.7	658	233	304	254	2007	7.0	6.0 - 8.0	E	E	71	B	•
17	45	215/45 R17	91H XL	8.7	626	213	292	232	1909	7.0	7.0 - 8.0	E	E	71	B	•
		225/45 R17	94H XL	8.8	634	225	295	245	1934	7.5	7.0 - 8.5	E	E	71	B	•
		235/45 R17	97H XL	8.8	644	236	299	257	1964	8.0	7.5 - 9.0	E	E	71	B	•
		245/45 R17	99H XL	9.0	652	243	302	265	1989	8.0	7.5 - 9.0	E	E	71	B	•
		215/50 R18	92H	8.8	673	226	313	246	2053	7.0	6.0 - 7.5	E	E	71	B	•
	50	225/50 R18	99V XL	8.6	683	233	317	254	2083	7.0	6.0 - 8.0	E	E	71	B	•
		245/50 R18	104V XL	8.9	703	253	324	276	2144	7.5	7.0 - 8.5	E	E	71	B	•
		215/45 R18	93H XL	8.7	651	213	304	232	1986	7.0	7.0 - 8.0	E	E	71	B	•
		225/45 R18	95V XL	8.6	659	225	307	245	2010	7.5	7.0 - 8.5	E	E	71	B	•
		235/45 R18	98V XL	8.6	669	236	311	257	2040	8.0	7.5 - 9.0	E	E	71	B	•
18	40	245/45 R18	100V XL	8.7	677	243	314	265	2065	8.0	7.5 - 9.0	E	E	71	B	•
		225/40 R18	92V XL	8.4	637	230	299	251	1943	8.0	7.5 - 9.0	E	E	71	B	•
		235/40 R18	95V XL	8.6	645	241	302	263	1967	8.5	8.0 - 9.5	E	E	71	B	•
		245/40 R18	97V XL	8.6	653	248	305	270	1992	8.5	8.0 - 9.5	E	E	71	B	•
		255/40 R18	99V XL	8.8	661	260	308	283	2016	9.0	8.5 - 10.0	E	E	71	B	•
	50	195/50 R19	88V	8.4	679	201	318	219	2071	6.0	5.5 - 7.0	E	E	71	B	•
		225/45 R19	96H XL	8.8	685	225	320	245	2089	7.5	7.0 - 8.5	E	E	71	B	•
		225/45 R19	96V XL	8.6	685	225	320	245	2089	7.5	7.0 - 8.5	E	E	71	B	•
		235/45 R19	95V	8.7	695	236	324	257	2120	8.0	7.5 - 9.0	E	E	71	B	•
		245/45 R19	102 XL	8.8	703	243	327	265	2144	8.0	7.5 - 9.0	E	E	71	B	•
19	40	265/45 R19	105 XL	9.8	721	266	334	290	2199	9.0	8.5 - 10.0	E	E	72	B	•
		225/40 R19	93V XL	8.5	663	230	312	251	2022	8.0	7.5 - 9.0	E	E	71	B	•
		235/40 R19	96V XL	8.6	671	241	315	263	2047	8.5	8.0 - 9.5	E	E	71	B	•
		245/40 R19	98V XL	8.7	679	248	318	270	2071	8.5	8.0 - 9.5	E	E	71	B	•
		255/40 R19	100 XL	8.8	687	260	321	283	2095	9.0	8.5 - 10.0	E	E	71	B	•
	35	235/35 R19	91H XL	8.7	647	241	305	263	1973	8.5	8.0 - 9.5	E	E	71	B	•
		245/35 R19	93H XL	8.8	655	248	309	270	1998	8.5	8.0 - 9.5	E	E	71	B	•
		255/35 R19	96V XL	8.7	661	260	311	283	2016	9.0	8.5 - 10.0	E	E	71	B	•
20	35	235/35 R20	92H XL	8.7	672	241	318	263	2050	8.5	8.0 - 9.5	E	E	71	B	•
21	40	275/40 R21	107 XL	9.2	753	278	352	303	2297	9.5	9.0 - 11.0	E	E	72	B	•
22	50	275/50 R22	115 XL	10.0	835	284	387	310	2547	8.5	7.5 - 9.5	E	E	73	B	•

OBSERVE ICE-FREEZER



Observe Ice-Freezer is designed for optimum traction and braking on ice and snow. A consistent performance throughout the tire's life makes it ideal for use in extreme winter conditions.

Excellent in the most extreme winter conditions Observe Ice-Freezer has a directional tread pattern with an optimized stud hole design. It offers exceptional stud retention and improved acoustic comfort. Fir tree shape tread design provides the best possible lateral road holding, even in various difficult conditions.

M+S marked.



14 - 20 inch. Speed indices T.



ABC
B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



FIR TREE SHAPE TREAD DESIGN

Improving traction/braking performance in ice and snow conditions.

SNOW BLADE AT UPPER SIDEWALL

Improves traction in winter-road conditions.

GEAR-SHAPED EDGE AROUND STUD HOLE

Edge effect on ice and snow surface.



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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	70	175/70 R14	84T	8.8	602	177	274	193	1836	5.0	4.5-6.0	-	-	-	-	-
		185/70 R14	88T	8.8	616	189	279	206	1879	5.5	4.5-6.0	-	-	-	-	-
	65	175/65 R14	82T	8.8	584	177	267	193	1781	5.0	5.0-6.0	-	-	-	-	-
		185/65 R14	86T	8.8	596	189	272	206	1818	5.5	5.0-6.5	-	-	-	-	-
15	65	185/65 R15	88T	8.8	621	189	284	206	1894	5.5	5.0-6.5	-	-	-	-	-
		195/65 R15	91T	8.8	635	201	290	219	1937	6.0	5.5-7.0	-	-	-	-	-
		205/65 R15	94T	8.8	647	209	294	228	1973	6.0	5.5-7.5	-	-	-	-	-
	60	185/60 R15	84T	8.8	603	189	277	206	1839	5.5	5.0-6.5	-	-	-	-	-
16	65	205/65 R16	95T	8.8	672	209	307	228	2050	6.0	5.5-7.5	-	-	-	-	-
	60	205/60 R16	92T	8.8	652	209	299	228	1989	6.0	5.5-7.5	-	-	-	-	-
		215/60 R16	95T	8.8	664	221	304	241	2025	6.5	6.0-7.5	-	-	-	-	-
	55	195/55 R16	87T	8.7	620	201	287	219	1891	6.0	5.5-7.0	-	-	-	-	•
		205/55 R16	91T	8.8	632	214	291	233	1928	6.5	5.5-7.5	-	-	-	-	•
17	55	215/55 R17	98T XL	8.9	668	226	308	246	2037	7.0	6.0-7.5	E	E	72	B	•
		225/55 R17	101T XL	8.9	680	233	313	254	2074	7.0	6.0-8.0	-	-	-	-	•
		235/55 R17	103T XL	9.0	690	245	317	267	2105	7.5	6.5-8.5	-	-	-	-	•
	50	215/50 R17	91T	9.0	648	226	300	246	1976	7.0	6.0-7.5	-	-	-	-	•
		225/50 R17	94T	9.0	658	233	304	254	2007	7.0	6.0-8.0	-	-	-	-	•
	45	225/45 R17	91T	9.0	634	225	295	245	1934	7.5	7.0-8.5	-	-	-	-	•
18	55	235/55 R18	104T XL	9.0	715	245	329	267	2181	7.5	6.5-8.5	-	-	-	-	•
	50	215/50 R18	92T	9.0	673	226	313	246	2053	7.0	6.0-7.5	-	-	-	-	•
		225/50 R18	95T	-	-	-	-	-	-	-	6.0-8.0	-	-	-	-	•
		225/45 R18	95T XL	-	-	-	-	-	-	-	7.0-8.5	-	-	-	-	•
	45	235/45 R18	98T XL	9.0	669	236	311	257	2040	8.0	7.5-9.0	E	E	72	B	•
		245/45 R18	100T XL	9.0	677	243	314	265	2065	8.0	7.5-9.0	E	E	72	B	•
19	50	235/50 R19	103T XL	-	-	-	-	-	-	-	6.5-8.5	-	-	-	-	•
		245/50 R19	105T XL	-	-	-	-	-	-	-	7.0-8.5	-	-	-	-	•
	45	225/45 R19	96T XL	9.0	685	225	320	245	2089	7.5	7.0-8.5	-	-	-	-	•
		245/45 R19	102T XL	9.0	703	243	327	265	2144	8.0	7.5-9.0	E	E	72	B	•
	40	225/40 R19	93T XL	8.8	663	230	312	251	2022	8.0	7.5-9.0	-	-	-	-	•
	35	225/35 R19	88T XL	8.8	641	230	303	251	1955	8.0	7.5-9.0	-	-	-	-	•
		235/35 R19	91T XL	8.8	647	241	305	263	1973	8.5	8.0-9.5	-	-	-	-	•
20	40	245/40 R20	99T XL	9.0	704	248	330	270	2147	8.5	8.0-9.5	E	E	72	B	•
		275/40 R20	106T XL	9.2	728	278	340	303	2220	9.5	9.0-11.0	E	E	73	B	•
		295/40 R20	110T XL	9.2	744	301	346	328	2269	10.5	10.0-11.5	-	-	-	-	•
	35	275/35 R20	102T XL	9.0	700	278	329	303	2135	9.5	9.0-11.0	E	E	73	B	•
		315/35 R20	106T	9.3	728	320	340	349	2220	11.0	10.5-12.5	E	E	75	B	•

OBSERVE G3-ICE



According to STRO (SCANDINAVIAN TIRE & RIM ORGANIZATION), the number of studs will be reduced from 110 pcs (15 inch) to max 50 pcs/m from 1st July 2013.

Observe G3-ICE is designed for optimum traction and braking on ice and snow. A consistent performance throughout the tire's life makes it ideal for use in extreme winter weather conditions.

Excellent in the most extreme weather conditions. The Observe G3-ICE has a directional tread pattern with an optimised stud hole design. This offers exceptional stud retention and improved acoustic comfort.

The directional tread pattern design provides the best possible lateral road holding, even in the most difficult conditions.

M+S marked.



13 - 20 inch. Speed indices T.



D - E



E



70 - 72

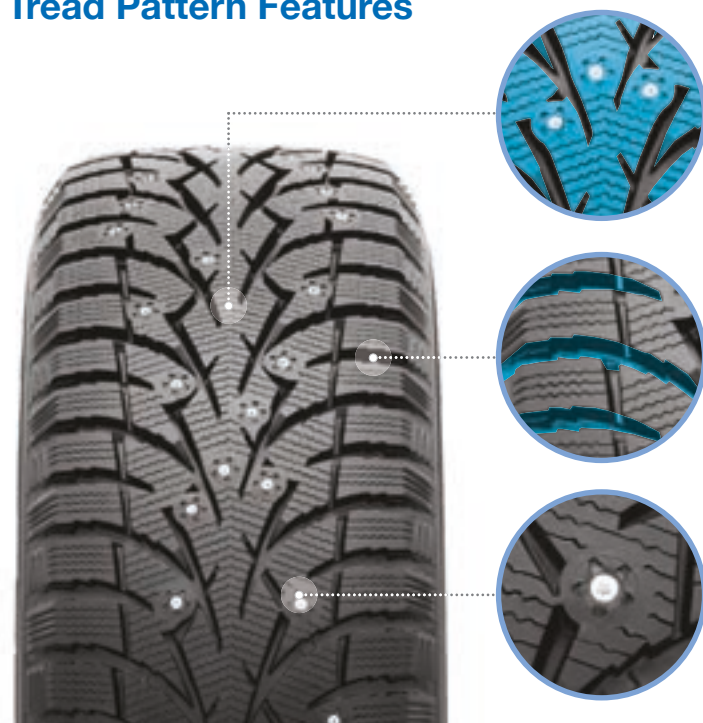
ABC

B

Performance Characteristics

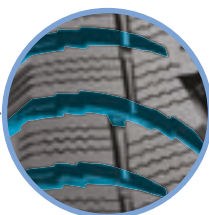
	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



V-SHAPE DESIGN

Enhanced drainage.



SAW-TOOTH EDGED BLOCK

Better handling on ice & snow.



GEAR EDGE STUD

Edge effect on ice and snow surface.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
13	70	175/70 R13	82T	9.0	576	177	261	193	1757	5.0	4.5 - 6.0	E	E	70	B	-
14	60	185/60 R14	82T	9.0	578	189	265	206	1763	5.5	5.0 - 6.5	E	E	70	B	-
15	65	175/65 R15	84T	9.0	609	177	279	193	1857	5.0	5.0 - 6.0	E	E	70	B	-
	60	195/60 R15	88T	9.0	615	201	282	219	1876	6.0	5.5 - 7.0	E	E	72	B	-
	55	185/55 R15	82T	9.0	585	194	270	211	1784	6.0	5.0 - 6.5	E	E	70	B	•
		195/55 R15	85T	9.0	595	201	274	219	1815	6.0	5.5 - 7.0	E	E	72	B	•
	50	195/50 R15	82T	9.0	577	201	267	219	1760	6.0	5.5 - 7.0	E	E	72	B	•
16	55	185/55 R16	87T XL	9.0	610	194	283	211	1861	6.0	5.0 - 6.5	E	E	70	B	•
		215/55 R16	93T	9.0	642	226	295	246	1958	7.0	6.0 - 7.5	D	E	72	B	•
		225/55 R16	95T	9.0	654	233	300	254	1995	7.0	6.0 - 8.0	D	E	72	B	•
	45	195/45 R16	84T XL	9.0	582	195	272	213	1775	6.5	6.0 - 7.5	E	E	72	B	•
17	50	205/50 R17	89T	9.0	638	214	296	233	1946	6.5	5.5 - 7.5	E	E	72	B	•
	45	245/45 R17	99T XL	9.0	652	243	302	265	1989	8.0	7.5 - 9.0	D	E	72	B	•
18	50	245/50 R18	100T	9.0	703	253	324	276	2144	7.5	7.0 - 8.5	D	E	72	B	•
	40	225/40 R18	92T XL	9.0	637	230	299	251	1943	8.0	7.5 - 9.0	E	E	72	B	•
		235/40 R18	95T XL	9.0	645	241	302	263	1967	8.5	8.0 - 9.5	D	E	72	B	•
		245/40 R18	97T XL	9.0	653	248	305	270	1992	8.5	8.0 - 9.5	D	E	72	B	•
19	45	255/45 R19	104T XL	9.0	713	255	331	278	2175	8.5	8.0 - 9.5	D	E	72	B	•
	40	255/40 R19	100T	9.0	687	260	321	283	2095	9.0	8.5 - 10.0	D	E	72	B	•
		275/40 R19	105T	9.0	703	278	327	303	2144	9.5	9.0 - 11.0	D	E	72	B	•
20	40	265/40 R20	104T	9.0	720	271	337	295	2196	9.5	9.0 - 10.5	D	E	72	B	•
	35	255/35 R20	97T	9.0	686	260	323	283	2092	9.0	8.5 - 10.0	E	E	72	B	•

SUV & 4 X 4 TIRES





SUV & 4 X 4 TIRES

PROXES SPORT SUV

PROXES COMFORT

PROXES STIII

PROXES CF2 SUV

OPEN COUNTRY U/T

OPEN COUNTRY A/T PLUS

OPEN COUNTRY M/T

SUV & 4 X 4
TIRES

PROXES Sport SUV



Answering the need for superior handling, Proxes Sport SUV was designed as a focused, sports performance tire.

High speed handling and wet grip are the core requirements for drivers of the most powerful cars. Proxes Sport SUV was developed to meet these critical needs while still delivering ride comfort and mileage.

Utilizing Nano Balance Technology, Proxes Sport SUV features a compound delivering wet or dry grip.

The advanced tire construction, combines with an optimised tread pattern design, to offer enhanced steering response and increased driving enjoyment.

17 - 23 inch. Speed indices V, W and Y.



C - D



A



70 - 73

ABC

A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



DYNAMIC TAPER DESIGN

Enhanced traction and handling.

REFLECT BLOCK DESIGN

Improved handling and braking performance.

HIGH SIPE DENSITY RIB

Improved traction in the wet.

Low noise emission.



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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector	
					Overall Dia. (mm)	Overall Width (mm)	Static Radius (mm)	Static Width (mm)									
17	65	215/65 R17	99V	8.0	712	221	325	241	2172	6.5	6.0 - 7.5	D	A	70	B	•	
		235/65 R17	108W	7.9	738	240	335	262	2251	7.0	6.5 - 8.5	C	A	70	B	•	
	60	255/60 R17	110W	8.0	738	260	335	283	2251	7.5	7.0 - 9.0	C	A	70	A	•	
	55	275/55 R17	109V	8.3	734	284	334	310	2239	8.5	7.5 - 9.5	C	A	70	B	•	
18	60	265/60 R18	110V	8.3	738	272	353	296	2364	8.0	7.5 - 9.5	C	A	70	B	•	
	55	235/55 R18	100V	7.9	712	245	329	267	2181	7.5	6.5 - 8.5	D	A	70	B	•	
		255/55 R18	109Y	7.6	738	265	338	289	2248	8.0	7.0 - 9.0	C	A	70	A	•	
	50	225/50 R18	95W	7.7	683	233	317	254	2083	7.0	6.0 - 8.0	D	A	70	B	•	
19	55	225/55 R19	99V	7.8	734	233	338	254	2230	7.0	6.0 - 8.0	C	A	70	B	•	
		255/55 R19	111Y	7.6	715	265	351	289	2327	8.0	7.0 - 9.0	C	A	70	A	•	
		275/55 R19	111W	8.1	731	284	359	310	2394	8.5	7.5 - 9.5	C	A	70	B	•	
	50	235/50 R19	99W	7.6	719	245	333	267	2193	7.5	6.5 - 8.5	D	A	70	B	•	
		265/50 R19	110Y	7.6	737	277	345	302	2284	8.5	7.5 - 9.5	C	A	70	A	•	
	45	275/45 R19	108Y	7.6	775	273	338	298	2230	9.0	8.5 - 10.5	C	A	70	A	•	
		20	285/45 R19	111Y	7.6	719	285	341	311	2254	9.5	9.0 - 10.5	C	A	72	A	•
			55	235/55 R20	102W	7.7	763	245	355	267	2336	7.5	6.5 - 8.5	C	A	70	B
255/55 R20	110Y	7.6		749	265	363	289	2403	8.0	7.0 - 9.0	C	A	70	A	•		
20	50	275/50 R20	113W	8.0	731	284	362	310	2391	8.5	7.5 - 9.5	C	A	70	A	•	
	40	285/40 R20	108V	8.0	785	290	343	316	2245	10.0	9.5 - 11.0	C	A	72	A	•	
		295/40 R20	110Y	7.5	739	301	346	328	2269	10.5	10.0 - 11.5	C	A	72	A	•	
	45	265/45 R21	104Y	7.5	788	266	359	290	2352	9.0	8.5 - 10.0	C	A	70	B	•	
		265/45 R21	108W	7.5	784	266	359	290	2352	9.0	8.5 - 10.0	C	A	70	A	•	
		275/45 R21	110Y	7.6	744	273	363	298	2382	9.0	8.5 - 10.5	C	A	70	A	•	
	40	255/40 R21	102Y	7.7	766	260	346	283	2248	9.0	8.5 - 10.0	C	A	70	A	•	
		275/40 R21	107Y	7.9	736	278	352	303	2297	9.5	9.0 - 11.0	C	A	72	B	•	
315/40 R21		111Y	7.5	753	320	365	349	2394	11.0	10.5 - 12.5	C	A	72	B	•		
21	35	285/35 R21	105Y	7.8	737	290	345	316	2236	10.0	9.5 - 11.0	C	A	72	A	•	
		295/35 R21	107Y	7.8	771	301	347	328	2254	10.5	10.0 - 11.5	C	A	72	A	•	
		315/35 R21	111Y	7.8	771	320	352	349	2297	11.0	10.5 - 12.5	C	A	73	B	•	
	22	40	275/40 R22	108Y	7.9	739	278	365	303	2376	9.5	9.0 - 11.0	C	A	70	A	•
295/40 R22			112Y	7.5	785	301	372	328	2425	10.5	10.0 - 11.5	C	A	72	A	•	
35		265/35 R22	102Y	7.7	781	271	352	295	2272	9.5	9.0 - 10.5	D	A	70	A	•	
		275/35 R22	104Y	7.8	733	278	354	303	2291	9.5	9.0 - 11.0	C	A	70	A	•	
30		295/30 R22	103Y	7.7	753	301	349	328	2248	10.5	10.0 - 11.0	D	A	73	B	•	
23	35	285/35 ZR23	107Y	7.6	784	290	370	316	2391	10.0	9.5 - 11.0	C	A	73	B	•	

PROXES Comfort



Proxes Comfort, available for car and SUV, was developed to provide premium levels of stability and comfort for relaxed and enjoyable everyday driving.

The tread compound and internal structure of Proxes Comfort give the tire enhanced stability at speed along with confident handling and excellent braking.

Dynamic performance improvements, combine with quiet, comfortable driving to make Proxes Comfort one of the most capable all-round tires available.



Tire Videos
Proxes Comfort

16 - 19 inch. Speed indices V and W.



C - D



A



70 - 71

ABC
B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



ASYMMETRIC RIB DESIGN WITH HIGH STIFFNESS RIB

Provides firm grip and stability during cornering.

DYNAMIC TAPER DESIGN - LATERAL GROOVES

Improved wet and dry braking.

MAIN GROOVES

Improved wet and dry handling.

HIGH SIPE-DENSITY IN INNER RIB

Improved wet traction.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	70	215/70 R16	100V	8.0	708	221	321	241	2159	6.5	5.5 - 7.0	C	A	70	B	-
	65	205/65 R16	95W	9.6	672	209	307	228	2050	6.0	5.5 - 7.5	D	A	70	B	-
		215/65 R16	102V XL	7.9	686	221	312	241	2092	6.5	6.0 - 7.5	C	A	70	B	-
	60	215/60 R16	99V XL	7.8	664	221	304	241	2025	6.5	6.0 - 7.5	C	A	70	B	-
17	65	215/65 R17	99V	7.9	712	221	325	241	2172	6.5	6.0 - 7.5	C	A	70	B	-
		225/65 R17	106V XL	8.0	724	228	330	249	2208	6.5	6.0 - 8.0	C	A	70	B	-
	60	215/60 R17	100V XL	7.8	690	221	317	241	2105	6.5	6.0 - 7.5	C	A	70	B	-
		225/60 R17	103V XL	7.9	702	228	321	249	2141	6.5	6.0 - 8.0	C	A	70	B	-
	55	225/55 R17	101W XL	7.8	680	233	313	254	2074	7.0	6.0 - 8.0	C	A	70	B	-
		235/55 R17	99V	7.9	690	245	317	267	2105	7.5	6.5 - 8.5	C	A	71	B	-
18	65	235/65 R18	110W XL	8.1	763	240	348	262	2327	7.0	6.5 - 8.5	C	A	71	B	-
	60	225/60 R18	104W XL	7.9	727	228	334	249	2217	6.5	6.0 - 8.0	C	A	70	B	-
		235/60 R18	107W XL	8.0	739	240	339	262	2254	7.0	6.5 - 8.5	C	A	71	B	-
	55	215/55 R18	99V XL	7.7	693	226	321	246	2114	7.0	6.0 - 7.5	C	A	70	B	-
		225/55 R18	102W XL	7.8	705	233	325	254	2150	7.0	6.0 - 8.0	C	A	70	B	-
		235/55 R18	100V	7.9	715	245	329	267	2181	7.5	6.5 - 8.5	C	A	71	B	-
	50	215/50 R18	92W	7.6	673	226	313	246	2053	7.0	6.0 - 7.5	D	A	70	B	•
		225/50 R18	95W	7.7	683	233	317	254	2083	7.0	6.0 - 8.0	D	A	70	B	•
19	55	225/55 R19	99V	7.8	731	233	338	254	2230	7.0	6.0 - 8.0	C	A	70	B	-
	50	235/50 R19	99W	7.8	719	245	333	267	2193	7.5	6.5 - 8.5	C	A	71	B	•
	45	225/45 R19	96W XL	7.6	685	225	320	245	2089	7.5	7.0 - 8.5	C	A	70	B	•
		235/45 R19	99W XL	7.7	695	236	324	257	2120	8.0	7.5 - 9.0	C	A	71	B	•

PROXES ST^{III}

Proxes ST^{III} is the premium sport summer tire for SUVs and features a unidirectional tread and side panel design with an aggressive and sporty look.

In addition to its outstanding design, the tire also offers improved wet braking performance as an important safety feature.

M+S marked.



16 - 24 inch. Speed indices V and W.



D



C - D



71 - 75

ABC
B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features

AGGRESSIVE, DIRECTIONAL PROFILE



DIRECTIONAL BLOCK

(Resistance against uneven wear and good braking performance)
Optimised block stiffness.



PARALLELOGRAM BLOCK

(Wet performance)
Better water drainage.



ARROWHEAD TAPER

(Straight stability & wet performance)
High block stiffness and water drainage.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	65	215/65 R16	102V	8.0	686	221	312	241	2092	6.5	6.0 - 7.5	D	D	71	B	•
	60	235/60 R16	104V	8.0	688	240	313	262	2098	7.0	6.5 - 8.5	D	D	71	B	•
17	65	225/65 R17	106V	8.0	724	228	330	249	2208	6.5	6.0 - 8.0	D	D	71	B	•
		235/65 R17	108V	8.0	738	240	335	262	2251	7.0	6.5 - 8.5	D	D	71	B	•
		265/65 R17	112V	8.0	776	272	350	296	2367	8.0	7.5 - 9.5	D	D	72	B	•
	60	215/60 R17	100V	8.0	690	221	317	241	2105	6.5	6.0 - 7.5	D	D	71	B	•
		225/60 R17	103V	8.0	702	228	321	249	2141	6.5	6.0 - 8.0	D	D	71	B	•
		255/60 R17	110V	8.0	738	260	335	283	2251	7.5	7.0 - 9.0	D	D	73	B	•
		275/60 R17	110V	8.0	762	279	345	304	2324	8.0	7.5 - 9.5	D	D	72	B	•
18	60	235/60 R18	107V	8.0	739	240	339	262	2254	7.0	6.5 - 8.5	D	D	71	B	•
		245/60 R18	105V	8.0	751	248	343	270	2291	7.0	7.0 - 8.5	D	D	71	B	•
		255/60 R18	112V	8.0	763	260	348	283	2327	7.5	7.0 - 9.0	D	D	73	B	•
		265/60 R18	114V	8.0	775	272	353	296	2364	8.0	7.5 - 9.5	D	D	73	B	•
		285/60 R18	120V	8.1	799	292	362	318	2437	8.5	8.0 - 10.0	D	D	74	B	•
	55	225/55 R18	102V	8.0	705	233	325	254	2150	7.0	6.0 - 8.0	D	D	71	B	•
		255/55 R18	109V	8.0	737	265	338	289	2248	8.0	7.0 - 9.0	D	D	73	B	•
19	55	225/55 R19	99V	8.0	731	233	338	254	2230	7.0	6.0 - 8.0	D	D	71	B	•
		245/55 R19	103V	8.0	753	253	347	276	2297	7.5	7.0 - 8.5	D	D	71	B	•
		255/55 R19	111V	8.0	763	265	351	289	2327	8.0	7.0 - 9.0	D	D	73	B	•
	50	255/50 R19	107V	8.0	739	265	341	289	2254	8.0	7.0 - 9.0	D	D	73	B	•
20	55	275/55 R20	117V	8.0	810	284	372	310	2471	8.5	7.5 - 9.5	D	D	72	B	•
		245/50 R20	102V	8.0	754	253	350	276	2300	7.5	7.0 - 8.5	D	D	71	B	•
		255/50 R20	109V	8.0	764	265	354	289	2330	8.0	7.0 - 9.0	D	D	73	B	•
		265/50 R20	111V	8.0	774	277	358	302	2361	8.5	7.5 - 9.5	D	D	73	B	•
		275/50 R20	113W	8.0	784	284	362	310	2391	8.5	7.5 - 9.5	D	D	73	B	•
		285/50 R20	116V	8.0	794	297	366	324	2422	9.0	8.0 - 10.0	D	D	74	B	•
		305/50 R20	120V	8.2	814	316	373	344	2483	9.5	8.5 - 11.0	D	D	74	B	•
	45	265/45 R20	108V	8.0	746	266	347	290	2275	9.0	8.5 - 10.0	D	D	73	B	•
		275/45 R20	110V	8.0	756	273	351	298	2306	9.0	8.5 - 10.5	D	D	73	B	•
		285/45 R20	112W	8.0	765	285	354	311	2330	9.5	9.0 - 10.5	D	D	74	B	•
		295/45 R20	114V	8.0	774	296	358	323	2361	10.0	9.5 - 11.0	D	D	74	B	•
	40	275/40 R20	106W	8.0	728	278	340	303	2220	9.5	9.0 - 11.0	D	D	73	B	•
		295/40 R20	110V	8.0	744	301	346	328	2269	10.5	10.0 - 11.5	D	D	75	B	•
	35	315/35 R20	110W	8.0	728	320	340	349	2220	11.0	10.5 - 12.5	D	D	75	B	•
21	50	275/50 R21	113V	8.0	809	284	374	310	2467	8.0	7.5 - 9.5	D	D	73	B	•
22	50	275/50 R22	115V	8.0	835	284	387	310	2547	8.5	7.5 - 9.5	D	D	73	B	•
		265/45 R22	109V	8.0	797	266	372	290	2431	9.0	8.5 - 10.0	D	D	73	B	•
		285/45 R22	114V	8.0	815	285	379	311	2486	9.5	9.0 - 10.5	D	D	74	B	•
	45	305/45 R22	118V	8.0	833	303	386	330	2541	10	9.5 - 11.5	D	D	74	B	•
		265/40 R22	106W	8.0	771	271	362	295	2352	9.5	9.0 - 10.5	D	D	73	B	•
		275/40 R22	108W	8.0	779	278	365	303	2376	9.5	9.0 - 11.0	D	D	73	B	•
		305/40 R22	114V	8.0	803	313	375	341	2449	11.0	10.0 - 12.0	D	D	74	B	•
	35	265/35 R22	102W	8.0	745	271	352	295	2272	9.5	9.0 - 10.5	D	D	73	B	•
		285/35 R22	106W	8.0	759	290	357	316	2315	10.0	9.5 - 11.0	D	D	74	B	•
		315/35 R22	111V	8.0	779	320	360	349	2414	11.0	10.5 - 12.5	D	D	74	B	•
	30	295/30 R22	103W	8.0	737	301	349	328	2248	10.5	10.0 - 11.0	D	D	75	B	•
	25	335/25 R22	105W	8.1	727	343	345	374	2217	12.0	11.5 - 12.5	D	C	75	B	•
24	40	285/40 R24	112V	8.0	838	290	394	316	2556	10.0	9.5 - 11.0	D	D	75	B	•
	35	285/35 R24	108W	8.0	810	290	383	316	2471	10.0	9.5 - 11.0	D	D	75	B	•
		305/35 R24	112W	8.0	824	313	388	341	2513	11.0	10.0 - 12.0	D	D	75	B	•

PROXES CF2 SUV



Proxes CF2 SUV was developed to complement the characteristics of smaller crossover and compact SUV cars.

With its silica tread compound, Proxes CF2 SUV offers shorter wet braking and improved fuel economy.

The lightweight construction combined with a new compound, provides longer tire life and makes the Proxes CF2 the smart choice for SUV's.

20 inch. Speed indices W.

C

B

70

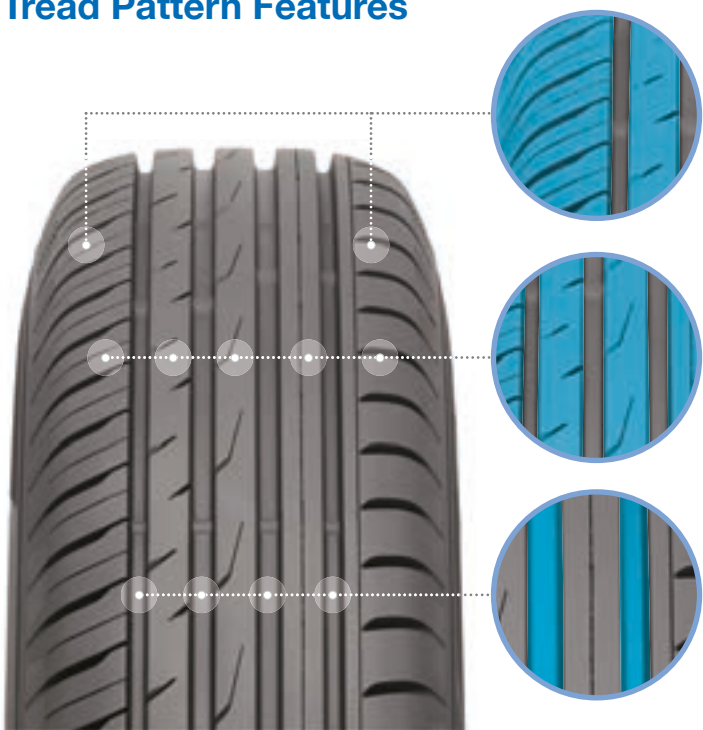
ABC

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



WIDE TREAD
High stability performance.
Good tread wear.

RIB PATTERN
High stability performance.
High braking performance.
Low noise.

STRAIGHT GROOVE
Good hydroplaning resistance.



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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
20	40	245/40 R20	99W XL	7.9	704	248	330	270	2147	8.5	8.0 - 9.5	C	B	70	B	-
	45	245/45 R20	103W XL	7.8	728	243	340	265	2220	8.0	7.5 - 9.0	C	B	70	B	-



PROXES CF2 SUV

SUV & 4 X 4
TIRES

OPEN COUNTRY U/T



The Open Country U/T has been developed to satisfy owners of a wide variety of contemporary luxury Pickups and SUVs requiring quiet and comfortable ride, stable handling capabilities, and low fuel consumption in urban type of road operations.

With its purely functional tread design and special silica tread compound the Open Country U/T has accomplished its design goal of low pattern noise, improved fuel consumption, excellent handling and braking performance on both wet and dry road conditions.

16 - 22 inch. Speed indices S, T, H, V and W.


D


C - D


70 - 72


A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



FIVE VARIABLE PITCH PATTERN
Pattern noise reduction.

SILENT WALL
Dense serration on the groove wall for pattern noise reduction.

MULTI-WAVE SIPE
Good cornering performance due to increased lateral block stiffness.
Helps to prevent irregular wear.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	75	245/75 R16	111S	9.1	774	248	347	270	2361	7.0	6.5 - 8.0	D	C	71	B	•
		265/75 R16	116T	9.3	804	267	358	291	2452	7.5	7.0 - 9.0	D	C	71	B	•
		LT225/75 R16	115S	9.5	744	223	335	243	2269	6.0	6.0 - 7.0	D	C	70	B	•
		LT245/75 R16	120S	9.7	774	248	347	270	2361	7.0	6.5 - 8.0	D	C	70	B	•
	70	215/70 R16	100H	8.3	708	221	321	241	2159	6.5	5.5 - 7.0	D	D	71	B	•
		225/70 R16	103H	7.4	722	228	326	249	2202	6.5	6.0 - 7.5	D	C	71	B	•
		235/70 R16	106H	7.5	736	240	332	262	2245	7.0	6.0 - 8.0	D	C	71	B	•
		245/70 R16	111H XL	9.1	750	248	337	270	2288	7.0	6.5 - 8.0	D	C	71	B	•
		255/70 R16	111H	9.2	764	260	343	283	2330	7.5	6.5 - 8.5	D	C	71	B	•
		265/70 R16	112H	9.3	778	272	348	296	2373	8.0	7.0 - 9.0	D	C	71	B	•
		275/70 R16	114H	9.4	792	279	354	304	2416	8.0	7.0 - 9.0	D	C	72	B	•
		215/65 R16	98H	8.3	686	221	312	241	2092	6.5	6.0 - 7.5	D	C	71	B	•
	65	215/65 R16	102V XL	7.8	686	221	312	241	2092	6.5	6.0 - 7.5	D	C	71	B	•
		255/65 R16	109H	9.2	738	260	333	283	2251	7.5	7.0 - 9.0	D	C	71	B	•
	60	235/60 R16	100H	8.5	688	240	313	262	2098	7.0	6.5 - 8.5	D	C	71	B	•
17	75	245/75 R17	112S	9.1	800	248	359	270	2440	7.0	6.5 - 8.0	D	C	71	B	•
		245/70 R17	110H	9.1	776	248	350	270	2367	7.0	6.5 - 8.0	D	C	71	B	•
		265/70 R17	115H	9.3	804	272	361	296	2452	8.0	7.0 - 9.0	D	C	71	B	•
		225/65 R17	102H	8.4	724	228	330	249	2208	6.5	6.0 - 8.0	D	C	71	B	•
	65	235/65 R17	104H	8.2	738	240	335	262	2251	7.0	6.5 - 8.5	D	C	71	B	•
		235/65 R17	108V XL	8	738	240	335	262	2251	7.0	6.5 - 8.5	D	C	71	B	•
		245/65 R17	111H XL	9.1	750	248	340	270	2288	7.0	7.0 - 8.5	D	C	71	B	•
		255/65 R17	110H	9.2	764	260	345	283	2330	7.5	7.0 - 9.0	D	C	71	B	•
		265/65 R17	112H	9.3	776	272	350	296	2367	8.0	7.5 - 9.5	D	C	71	B	•
		275/65 R17	115H	9.4	790	279	356	304	2410	8.0	7.5 - 9.5	D	C	72	B	•
	60	215/60 R17	96V	7.8	690	221	317	241	2105	6.5	6.0 - 7.5	D	C	71	B	•
		225/60 R17	99V	7.9	702	228	321	249	2141	6.5	6.0 - 8.0	D	C	71	B	•
		235/60 R17	102H	8.5	714	240	326	262	2178	7.0	6.5 - 8.5	D	C	71	B	•
		285/60 R17	116H	9.2	802	292	360	318	2446	8.5	8.0 - 10.0	D	C	72	B	•
	55	215/55 R17	94V	7.8	668	226	308	246	2037	7.0	6.0 - 7.5	D	C	71	B	•
		235/55 R17	103V XL	8.0	690	245	317	267	2105	7.5	6.5 - 8.5	D	C	71	B	•
18	70	255/70 R18	113S	9.2	815	260	368	283	2486	7.5	6.5 - 8.5	D	C	71	B	•
		265/70 R18	116H	9.3	829	272	374	296	2528	8.0	7.0 - 9.0	D	C	71	B	•
	65	265/65 R18	114H	9.3	801	272	363	296	2443	8.0	7.5 - 9.5	D	C	71	B	•
		275/65 R18	116H	9.4	815	279	368	304	2486	8.0	7.5 - 9.5	D	C	72	B	•
	60	225/60 R18	100H	8.4	727	228	334	249	2217	6.5	6.0 - 8.0	D	C	71	B	•
		235/60 R18	107W XL	8.0	739	240	339	262	2254	7.0	6.5 - 8.5	D	C	71	B	•
		245/60 R18	105V	8.1	751	248	343	270	2291	7.0	7.0 - 8.5	D	C	71	B	•
		255/60 R18	112V XL	8.2	763	260	348	283	2327	7.5	7.0 - 9.0	D	C	71	B	•
		265/60 R18	110H	9.3	775	272	353	296	2364	8.0	7.5 - 9.5	D	C	71	B	•
		285/60 R18	116H	9.5	799	292	362	318	2437	8.5	8.0 - 10.0	D	C	72	B	•
	55	215/55 R18	99V	7.8	693	226	321	246	2114	7.0	6.0 - 7.5	D	C	71	B	•
		225/55 R18	98V	7.9	705	233	325	254	2150	7.0	6.0 - 8.0	D	C	71	B	•
		235/55 R18	104V XL	8.5	715	245	329	267	2181	7.5	6.5 - 8.5	D	C	71	B	•
		255/55 R18	109V XL	8.2	737	265	338	289	2248	8.0	7.0 - 9.0	D	C	71	B	•
19	60	255/60 R19	109V	8.2	789	260	361	283	2406	7.5	7.0 - 9.0	D	C	71	B	•
	55	225/55 R19	99V	7.9	731	233	338	254	2230	7.0	6.0 - 8.0	D	C	71	B	•
		235/55 R19	101W	8.0	741	245	342	267	2260	7.5	6.5 - 8.5	D	C	71	B	•
20	60	275/60 R20	115V	8.4	838	279	383	304	2556	8.0	7.5 - 9.5	D	C	72	B	•
	55	275/55 R20	117V XL	8.4	810	284	372	310	2471	8.5	7.5 - 9.5	D	C	72	B	•
	50	245/50 R20	102V	8.1	754	253	350	276	2300	7.5	7.0 - 8.5	D	C	71	B	•
		285/50 R20	116V XL	8.5	794	297	366	324	2422	9.0	8.0 - 10.0	D	C	72	A	•
21	50	275/50 R21	113V XL	8.4	809	284	374	310	2467	8.5	7.5 - 9.5	D	C	72	B	•
22	50	275/50 R22	111H	9.4	835	284	387	310	2547	8.5	7.5 - 9.5	D	C	72	B	•
	45	285/45 R22	114V XL	8.5	815	285	379	311	2486	9.5	9.0 - 10.5	D	C	72	A	•

OPEN COUNTRY A/Tplus

The premium Open Country A/T Plus is the perfect tire for drivers who want to go wherever the road leads, from highway to the forest.

Its asymmetric five-rib pattern and rigid block design allows enhanced durability, exceptional high speed on road response and is optimised for off-road handling.

All-terrain performance is complemented with technologies that promote a smooth and quiet ride. The aggressive sidewall of Open Country A/T Plus is designed to enhance the style of your SUV.

M+S marked.



15 - 21 inch. Speed indices S, T and H.



D



D



70 - 74

ABC
B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



ASYMMETRIC TREAD PATTERN

OUTSIDE - Good off-road traction.
INSIDE - Low noise. Increased stability and braking.

OPEN GROOVE

Good off-road traction.

STEP BLOCK EDGE

Provides good initial traction.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15		30X9.50 R15	104S	11.0	750	240	334	262	2288	7.5	6.5 - 8.5	D	D	72	B	-
		31X10.50 R15	109S	11.3	775	268	344	292	2364	8.5	7.0 - 9.0	D	D	72	B	-
16	85	LT215/85 R16	115/112S	9.5	772	216	346	235	2355	6.0	5.5 - 7.0	D	D	72	B	-
		LT235/85 R16	120/116S	9.7	806	235	359	256	2458	6.5	6.0 - 7.5	D	D	72	B	-
	80	175/80 R16	91S	8.6	686	177	312	193	2092	5.0	4.5 - 6.0	D	D	70	B	-
		225/75 R16	104T	9.1	744	223	335	243	2269	6.0	6.0 - 7.5	D	D	70	B	-
	75	LT225/75 R16	115/112S	10.0	744	223	335	243	2269	6.0	6.0 - 7.0	D	D	72	B	-
		LT245/75 R16	120/116S	9.7	774	248	347	270	2361	7.0	6.5 - 8.0	D	D	72	B	-
		LT265/75 R16	119/116S	9.8	804	267	358	291	2452	7.5	7.0 - 8.0	D	D	72	B	-
		LT285/75 R16	116/113S	9.8	834	286	370	312	2544	8.0	7.5 - 9.0	D	D	72	B	-
	65	215/65 R16	98H	9.1	686	221	312	241	2092	6.5	6.0 - 7.5	D	D	70	B	-
		255/65 R16	109H	9.2	738	260	333	283	2251	7.5	7.0 - 9.0	D	D	71	B	-
	60	235/60 R16	100H	8.6	688	240	313	262	2098	7.0	6.5 - 8.5	D	D	70	B	-
17	75	LT245/75 R17	121/118S	9.7	800	248	359	270	2440	7.0	6.5 - 7.5	D	D	72	B	-
	70	LT265/70 R17	121/118S	9.8	804	272	361	296	2452	8.0	7.0 - 8.5	D	D	72	B	-
		LT285/70 R17	121/118S	9.8	832	292	372	318	2538	8.5	7.5 - 9.0	D	D	72	B	-
18	70	LT275/70 R18	115/112S	9.8	843	279	379	304	2571	8.0	7.0 - 8.5	D	D	72	B	-
	65	LT275/65 R18	113/110S	9.8	815	279	368	304	2486	8.0	7.5 - 9.5	D	D	72	B	-
	55	255/55 R18	109H XL	9.0	737	265	338	289	2248	8.0	7.0 - 9.0	D	D	71	B	•
20	45	275/45 R20	110H XL	8.7	756	273	351	298	2306	9.0	8.5 - 10.5	D	D	72	B	•
21	50	275/50 R21	113S	10.8	826	315	364	347	2519	10.0	8.5 - 11.0	D	D	72	B	•
	40	295/40 R21	111H XL	9.1	769	301	359	328	2345	10.5	10.0 - 11.5	D	D	74	B	•



OPEN COUNTRY A/T plus

OPEN COUNTRY M/T



The Open Country M/T is an off road tire with an aggressive tread pattern design and is developed for applications where off road capability is essential.

Open Country M/T is also a very capable road tire incorporating technology that gives it incredible uniformity for superior handling and control in both off road and street driving.

POR - Professional Off Road use.



Tire Videos
OPEN COUNTRY M/T

15 - 24 inch. Speed indices P and Q.



ABC

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



TAPER EDGE BLOCKS

Excellent irregular wear resistance.

COMBINATION CONCAVE AND CONVENTIONAL SHOULDER

Excellent traction and handling performance on and off road.

DEEP SIPING IN THE TREAD BLOCKS

Excellent wet traction and braking performance



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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector
					Overall Dia. (mm)	Overall Width (mm)	Static Radius (mm)	Static Width (mm)								
15	9.50	30X9.50 R15	104Q	13.5	750	240	334	262	2288	7.5	6.0 - 8.0	-	-	-	-	●
	10.50	31X10.50 R15	109P	15.2	781	268	347	292	2382	8.5	7.0 - 9.0	-	-	-	-	●
		33X10.50 R15	114P	15.2	832	268	366	292	2538	8.5	7.0 - 9.0	-	-	-	-	●
	12.50	33X12.50 R15	108P	16.7	832	318	366	347	2538	10.5	8.5 - 11.0	-	-	-	-	●
	13.50	33X13.50 R15	109P	16.7	832	345	366	376	2538	11.0	9.5 - 12.0	-	-	-	-	●
16	85	LT235/85 R16	120P	14.6	813	240	378	260	2483	6.5	6.0 - 7.0	-	-	-	-	●
		LT255/85 R16	119P	15.0	846	255	375	278	2580	7.0	6.5 - 8.0	-	-	-	-	●
	75	LT225/75 R16	115P	13.5	750	223	337	243	2288	6.0	6.0 - 7.0	-	-	-	-	●
		LT245/75 R16	120P	14.6	782	253	364	268	2388	7.0	6.5 - 8.0	-	-	-	-	●
		LT265/75 R16	119P	15.0	810	275	377	290	2473	7.5	7.0 - 8.0	-	-	-	-	●
		LT285/75 R16	115P	15.2	840	286	372	312	2562	8.0	7.5 - 9.0	-	-	-	-	●
		LT315/75 R16	115P	16.7	884	313	389	341	2696	8.5	8.0 - 11.0	-	-	-	-	●
	70	LT305/70 R16	118P	16.0	840	311	372	339	2562	9.0	8.0 - 9.5	-	-	-	-	●
17	70	LT265/70 R17	120P	15.0	810	272	363	296	2471	8.0	7.0 - 8.5	-	-	-	-	●
		LT285/70 R17	115P	15.0	838	292	374	318	2556	8.5	7.5 - 9.0	-	-	-	-	●
		LT295/70 R17	120P	15.5	852	299	380	326	2599	8.5	7.5 - 10.0	-	-	-	-	●
	12.50	35X12.50 R17	121P	16.7	883	318	392	347	2693	10.0	8.5 - 11.0	-	-	-	-	●
	13.50	40X13.50 R17	121P	16.7	1010	345	441	376	3081	11.0	8.5 - 11.0	-	-	-	-	●
	65	LT265/65 R17	115P	15.0	782	272	352	296	2385	8.0	7.5 - 9.5	-	-	-	-	●
18	70	LT275/70 R18	115P	15.2	843	279	379	304	2571	8.0	7.0 - 8.5	-	-	-	-	●
	12.50	33X12.50 R18	118P	16.7	832	318	375	347	2538	10.0	8.5 - 11.0	-	-	-	-	●
		35X12.50 R18	120P	16.7	883	318	395	347	2693	10.0	8.5 - 11.0	-	-	-	-	●
20	12.50	33X12.50 R20	120P	16.7	832	318	423	343	2538	10.0	8.5 - 11.0	-	-	-	-	●
		35X12.50 R20	120P	16.7	883	318	400	347	2693	10.0	8.5 - 11.0	-	-	-	-	●
	13.50	37X13.50 R20	119P	16.7	934	345	420	376	2849	11.0	8.5 - 11.0	-	-	-	-	●
22	12.50	33X12.50 R22	109P	15.0	832	318	386	347	2538	10.0	8.5 - 11.0	-	-	-	-	●
24	13.50	37X13.50 R24	119P	16.7	934	345	431	376	2849	11.0	8.5 - 11.0	-	-	-	-	●

All Open Country M/T tires marked POR and are outside scope of EU label regulation.



OPEN COUNTRY M/T

WINTER SUV & 4 X 4 TIRES





WINTER SUV & 4 X 4 TIRES

OPEN COUNTRY A/T III

OBSERVE S944 SUV

SNOWPROX S954 SUV

OBSERVE GSi-6 SUV

OBSERVE ICE-FREEZER SUV

OBSERVE G3-ICE SUV

WINTER SUV
& 4 X 4 TIRES

OPEN COUNTRY A/T III



The Open Country A/T III all-terrain tire delivers gripping off-road traction with responsive and predictable onroad handling. With a strong focus on wet performance, durability, and treadwear life, TOYO introduces advanced tread design, construction and compounding.

The Open Country A/T III provides a quiet ride with exceptional stability, instilling driving confidence no matter the terrain. Built tough, it offers peace of mind, regardless of terrain or weather.

M+S marked.



15 - 20 inch. Speed indices S, T and H.



D - E



D



72 - 75

ABC

B - C

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



INCREASED LATERAL GROOVES

Improved snow performance and off-road traction.

LARGE TRACTION BLOCKS

Zigzag Block

- Traction performance (Edge effect).

Zigzag Groove

- Snow traction / Off-road performance..

BUTTRESS DESIGN

Durable protection against external damage.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	80	195/80 R15	96S	8.5	693	196	312	214	2114	5.5	5.0 - 6.5	D	D	72	B	-
	75	215/75 R15	100T	8.7	703	216	316	235	2144	6.0	5.5 - 7.0	D	D	72	B	-
		225/75 R15	102T	8.8	719	223	322	243	2193	6.0	6.0 - 7.5	D	D	72	B	-
		235/75 R15	109T	8.9	733	235	328	256	2236	6.5	6.0 - 8.0	D	D	72	B	-
	70	255/70 R15	108T	9.1	739	260	330	283	2254	7.5	7.0 - 8.0	D	D	73	B	-
		265/70 R15	112T	9.2	739	260	330	283	2254	7.5	7.0 - 8.0	D	D	73	B	-
16	70	215/70 R16	100T	8.7	708	221	321	241	2159	6.5	5.5 - 7.0	D	D	72	B	-
		225/70 R16	103H	8.8	722	228	326	249	2202	6.5	6.0 - 7.5	D	D	72	B	-
		235/70 R16	106T	8.9	736	240	332	262	2245	7.0	6.5 - 8.0	D	D	72	B	-
		245/70 R16	111T	9.0	750	248	337	270	2288	7.0	6.5 - 8.0	D	D	72	B	-
		255/70 R16	111T	9.1	764	260	343	283	2330	7.5	6.5 - 8.5	D	D	73	B	-
		265/70 R16	112T	9.2	778	272	348	296	2373	8.0	7.0 - 9.0	D	D	73	B	-
		275/70 R16	114T	9.3	792	279	354	304	2416	8.0	7.0 - 9.0	D	D	73	B	-
		205 R16C	110T	10.9	736	208	332	227	2245	6.0	5.5 - 6.5	E	D	75	C	-
17	70	245/70 R17	110T	9.0	776	248	350	270	2367	7.0	6.5 - 8.0	D	D	72	B	-
		265/70 R17	115T	9.2	804	272	361	296	2452	8.0	7.0 - 9.0	D	D	73	B	-
		225/65 R17	102H	8.8	724	228	330	249	2208	6.5	6.0 - 8.0	D	D	72	B	-
	65	235/65 R17	108H	8.9	738	240	335	262	2251	7.0	6.5 - 8.5	D	D	72	B	-
		245/65 R17	111H	9.0	750	248	340	270	2288	7.0	7.0 - 8.5	D	D	72	B	-
		255/65 R17	114H	9.1	764	260	345	283	2330	7.5	7.0 - 9.0	D	D	73	B	-
		265/65 R17	112H	9.2	776	272	350	296	2367	8.0	7.5 - 9.5	D	D	73	B	-
18	60	215/60 R17	96H	8.7	690	221	317	241	2105	6.5	6.0 - 7.5	D	D	72	B	-
	70	255/70 R18	113T	9.1	815	260	368	283	2486	7.5	6.5 - 8.5	D	D	73	B	-
		235/60 R18	107H	8.9	739	240	339	262	2254	7.0	6.5 - 8.5	D	D	72	B	-
		255/60 R18	112H	9.1	763	260	348	283	2327	7.5	7.0 - 9.0	D	D	73	B	-
19	60	265/60 R18	110H	9.2	775	272	353	296	2364	8.0	7.5 - 9.5	D	D	73	B	-
	55	255/55 R19	111H	9.1	763	265	351	289	2327	8.0	7.0 - 9.0	D	D	73	B	-
20	60	275/60 R20	115H	9.3	838	279	383	304	2556	8.0	7.5 - 9.5	D	D	73	B	-
	50	265/50 R20	107H	9.2	774	277	357.74	301.93	2361	8.5	7.5 - 9.5	D	D	73	B	-
		285/50 R20	112H	9.4	794	297	365.54	323.73	2422	9.0	8.0 - 10.0	D	D	75	B	-

OPEN COUNTRY A/T III

OBSERVE S944



Nano Balance Technology



Observe S944 SUV benefits from TOYO TIRES' Nano Balance Technology. The combination of new materials, construction and compounds offer safe and comfortable driving, which can still be enjoyed when the weather turns cooler.

Designed to cope with typical cold and rainy European winters, Observe S944 SUV is safe and secure if snow falls, or icy roads make driving more challenging.

M+S marked.



Tire Videos
Observe S944

16 - 20 inch. Speed indices H, V and W.



C - E



B - C



71

ABC

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



CONNECTED BLOCK

Improves stability.

SIPE ANGLE DIVIDED IN 3 PARTS

Center - Snow traction.

Middle - Snow handling.

Shoulder - Snow braking.

ONE WAY PATTERN

Compatible drainage and traction performance.



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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	70	215/70 R16	104H XL	8.9	708	221	321	241	2159	6.5	5.5 - 7.0	D	C	71	B	-
	65	215/65 R16	102H XL	8.8	686	221	312	241	2092	6.5	6.0 - 7.5	D	B	71	B	-
17	65	215/65 R17	103V XL	8.8	712	221	325	241	2172	6.5	6.0 - 7.5	D	B	71	B	-
		225/65 R17	106H XL	8.9	724	228	330	249	2208	6.5	6.0 - 8.0	C	B	71	B	-
	60	215/60 R17	100V XL	8.7	690	221	317	241	2105	6.5	6.0 - 7.5	D	B	71	B	-
		225/60 R17	103V XL	8.8	702	228	321	249	2141	6.5	6.0 - 8.0	D	B	71	B	-
18	60	225/60 R18	104V XL	8.8	727	228	334	249	2217	6.5	6.0 - 8.0	D	B	71	B	-
	55	215/55 R18	99V XL	8.6	693	226	321	246	2114	7.0	6.0 - 7.5	D	B	71	B	-
		225/55 R18	102V XL	8.7	705	233	325	254	2150	7.0	6.0 - 8.0	D	B	71	B	-
	50	225/50 R18	95W	8.3	683	233	317	254	2083	7.0	6.0 - 8.0	E	B	71	B	•
19	55	225/55 R19	99V	8.7	731	233	338	254	2230	7.0	6.0 - 8.0	D	B	71	B	-
20	40	225/40 R20	94V	8.2	688	230	324	251	2098	8.0	7.5 - 9.0	D	B	71	B	•



WINTER SUV
& 4 X 4 TIRES

SNOWPROX S954 SUV



Optimised for wet grip in cooler temperatures, the new Snowprox S954 SUV is home in a wide range of winter conditions.

With its exceptional grip, Snowprox S954 SUV allows heavier SUV vehicles to confidently brake on wet and snowy roads. Innovative construction and materials technology provide safe and precise handling in typical winter conditions.

Snowprox S954 SUV is available for a wide range of premium and high performance 4x4 and SUV cars.

M+S marked.



17 - 21 inch. Speed indices H, V and W.



C - D



B - C



72 - 73

ABC

A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



BLOCK DISTRIBUTION

Circumferential long blocks for improved wet braking.

COMBINATION OF THICK AND THIN SIPES

Improved braking performance on wet as well as on maintain snow braking .

HIGH NUMBER OF SLITS

Good snow and wet braking.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	70	255/70 R16	111H	9.0	764	262	298	264	2330	7.5	6.5 - 8.5	D	C	72	B	•
	65	235/65 R17	104H	8.8	738	240	335	262	2251	7.0	6.5 - 8.5	D	B	72	B	•
		235/65 R17	108V XL	8.8	738	240	335	262	2251	7.0	6.5 - 8.5	D	C	72	B	•
		255/65 R17	114H XL	9.0	764	260	345	283	2330	7.5	7.0 - 9.0	D	B	72	B	•
		265/65 R17	116H XL	9.1	776	272	350	296	2367	8.0	7.5 - 9.5	D	C	72	B	•
	60	235/60 R17	106H XL	8.8	714	240	326	262	2178	7.0	6.5 - 8.5	C	C	72	B	•
		255/60 R17	110H XL	9.0	738	260	335	283	2251	7.5	7.0 - 9.0	D	C	72	B	•
	18	225/60 R18	104H XL	8.7	727	228	334	249	2217	6.5	6.0 - 8.0	D	C	72	B	•
		235/60 R18	107V XL	8.8	739	240	339	262	2254	7.0	6.5 - 8.5	C	C	72	B	•
		265/60 R18	114H XL	9.1	775	272	353	296	2364	8.0	7.5 - 9.5	D	C	72	B	•
		235/55 R18	104H XL	8.8	715	245	329	267	2181	7.5	6.5 - 8.5	D	C	72	B	•
		255/55 R18	109H XL	9.0	737	265	338	289	2248	8.0	7.0 - 9.0	C	C	72	B	•
		255/55 R18	109V XL	9.0	737	265	338	289	2248	8.0	7.0 - 9.0	C	C	72	B	•
	50	235/50 R18	101V XL	8.8	693	245	321	267	2114	7.5	6.5 - 8.5	D	C	72	B	•
19	55	205/55 R19	97H XL	8.5	709	214	330	233	2162	6.5	5.5 - 7.5	D	C	72	B	•
		235/55 R19	105V XL	8.8	741	245	342	267	2260	7.5	6.5 - 8.5	D	C	72	B	•
		265/55 R19	113W XL	8.6	775	277	355	302	2364	8.5	7.5 - 9.5	D	C	72	B	•
	50	235/50 R19	103V XL	8.8	719	245	333	267	2193	7.5	6.5 - 8.5	D	C	72	B	•
		245/50 R19	105V XL	8.9	729	253	337	276	2223	7.5	7.0 - 8.5	D	C	72	B	•
		255/50 R19	107V XL	9.0	739	265	341	289	2254	8.0	7.0 - 9.0	D	C	72	B	•
	45	245/45 R19	102V XL	8.9	703	243	327	265	2144	8.0	7.5 - 9.0	D	C	72	B	•
	55	235/55 R20	105V XL	8.8	766	245	355	267	2336	7.5	6.5 - 8.5	D	C	72	B	•
20	50	265/50 R20	107V	9.1	774	277	358	302	2361	8.5	7.5 - 9.5	D	C	72	B	•
	45	235/45 R20	100W XL	8.8	720	236	337	257	2196	8.0	7.5 - 9.0	D	C	72	B	•
		245/45 R20	103V XL	8.9	728	243	340	265	2220	8.0	7.5 - 9.0	D	C	72	B	•
		255/45 R20	105V XL	9.0	738	255	358	278	2251	8.5	8.0 - 9.5	D	C	72	B	•
		265/45 R20	108V XL	9.1	746	266	347	290	2275	9.0	8.5 - 10.0	D	C	72	B	•
		275/45 R20	110V XL	9.2	756	273	351	298	2306	9.0	8.5 - 10.5	D	C	72	B	•
		285/45 R20	112V XL	9.3	764	285	354	311	2330	9.5	9.0 - 10.5	D	C	72	A	•
	40	275/40 R20	106V XL	9.2	728	278	353	303	2220	9.5	9.0 - 11.0	D	C	72	B	•
		285/40 R20	108V XL	9.3	736	290	343	316	2245	10.0	9.5 - 11.0	D	C	72	A	•
		295/40 R20	110V XL	9.4	744	301	346	328	2269	10.5	10.0 - 11.5	D	C	72	A	•
	35	315/35 R20	106V	9.6	728	320	340	349	2220	11.0	10.5 - 12.5	D	C	72	A	•
21	40	265/40 R21	105V XL	9.1	745	271	349	295	2272	9.5	9.0 - 10.5	D	C	72	B	•
	35	295/35 R21	107V XL	9.4	739	301	347	328	2254	10.5	10.0 - 11.5	D	C	72	A	•
	30	325/30 R21	108V XL	9.6	729	331	343	361	2223	11.5	11.0 - 12.0	D	C	73	B	•



SNOWPROX S954 SUV

OBSERVE GSi-6

Observe GSi-6 SUV has been optimised to perform safely and securely in a variety of winter driving conditions.

Its new compound, advanced construction and aggressive tread design enable drivers to overcome any road conditions; whether ice, snow or slush.

M+S marked.



15 - 22 inch. Speed indices H and V.



E



E



69 - 75

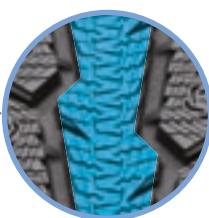
A B C

A - B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



SERRATED STABILITY RIB

Edge effect on snow surface.
Provides good snow traction.



SPIRAL EDGE SIPE

Edge effect to 360° on ice and snow surface.
Provides good cornering performance.



CONTINUOUS SWING SIPE

Edge effect by controlling of sipe binding and exhibits water removal power more effectively.
Provides good Ice braking performance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	75	235/75 R15	105H	10.1	733	235	328	256	2236	6.5	6.0 - 8.0	E	E	69	A	•
	75	225/75 R16	104H	10.0	744	223	335	243	2269	6.0	6.0 - 7.5	E	E	69	A	•
16	75	245/75 R16	111H	10.2	774	248	347	270	2361	7.0	6.5 - 8.0	E	E	69	A	•
		265/75 R16	116H	10.4	804	267	358	291	2452	7.5	7.0 - 9.0	E	E	72	B	•
		215/70 R16	100H	9.8	708	221	321	241	2159	6.5	5.5 - 7.0	E	E	69	A	•
		225/70 R16	103H	9.9	722	228	326	249	2202	6.5	6.0 - 7.5	E	E	69	A	•
	70	235/70 R16	106H	10.0	736	240	332	262	2245	7.0	6.0 - 8.0	E	E	69	A	•
		265/70 R16	112H	10.3	778	272	348	296	2373	8.0	7.0 - 9.0	E	E	72	B	•
		215/65 R16	98H	9.7	686	221	312	241	2092	6.5	6.0 - 7.5	E	E	69	A	•
	65	225/65 R16	100H	9.8	698	228	317	249	2129	6.5	6.0 - 8.0	E	E	69	A	•
		235/60 R16	100H	9.8	688	240	313	262	2098	7.0	6.5 - 8.5	E	E	69	A	•
17	70	215/70 R17	101H	9.8	734	221	328	241	2239	6.5	5.5 - 7.0	E	E	69	A	•
		245/70 R17	110H	10.1	776	248	350	270	2367	7.0	6.5 - 8.0	E	E	69	A	•
		265/70 R17	115H	10.3	804	272	361	296	2452	8.0	7.0 - 9.0	E	E	72	B	•
		P285/70 R17	117H	10.5	830	292	371	318	2530	8.5	7.5 - 9.5	E	E	73	B	•
	65	215/65 R17	99H	9.7	712	221	325	241	2172	6.5	6.0 - 7.5	E	E	69	A	•
		225/65 R17	102H	9.8	724	228	330	249	2208	6.5	6.0 - 8.0	E	E	69	A	•
		235/65 R17	104H	9.9	738	240	335	262	2251	7.0	6.5 - 8.5	E	E	69	A	•
		245/65 R17	107H	10.0	750	248	340	270	2288	7.0	7.0 - 8.5	E	E	69	A	•
		255/65 R17	114H XL	10.1	764	260	345	283	2330	7.5	7.0 - 9.0	E	E	72	B	•
		265/65 R17	112H	10.2	776	272	350	296	2367	8.0	7.5 - 9.5	E	E	72	B	•
	60	215/60 R17	96H	9.7	690	221	317	241	2105	6.5	6.0 - 7.5	E	E	69	A	•
		225/60 R17	99H	9.7	702	228	321	249	2141	6.5	6.0 - 8.0	E	E	69	A	•
		235/60 R17	102H	9.8	714	240	326	262	2178	7.0	6.5 - 8.5	E	E	69	A	•
	55	235/55 R17	99H	9.7	690	245	317	267	2105	7.5	6.5 - 8.5	E	E	69	A	•
18	70	255/70 R18	113H	10.2	815	260	368	283	2486	7.5	6.5 - 8.5	E	E	72	B	•
		265/70 R18	116H	10.3	829	272	374	296	2528	8.0	7.0 - 9.0	E	E	72	B	•
		235/65 R18	106H	9.9	763	240	348	262	2327	7.0	6.5 - 8.5	E	E	69	A	•
		255/65 R18	111H	10.1	789	260	358	283	2406	7.5	7.0 - 9.0	E	E	72	B	•
	65	265/65 R18	114H	10.2	801	272	363	296	2443	8.0	7.5 - 9.5	E	E	72	B	•
		275/65 R18	116H	10.3	815	279	368	304	2486	8.0	7.5 - 9.5	E	E	72	B	•
		225/60 R18	100H	9.7	727	228	334	249	2217	6.5	6.0 - 8.0	E	E	69	A	•
		235/60 R18	107H XL	9.8	739	240	339	262	2254	7.0	6.5 - 8.5	E	E	69	A	•
		245/60 R18	105H	9.9	751	248	343	270	2291	7.0	7.0 - 8.5	E	E	69	A	•
		255/60 R18	112H XL	10	763	260	348	283	2327	7.5	7.0 - 9.0	E	E	72	B	•
	60	265/60 R18	110H	10.1	775	272	353	296	2364	8.0	7.5 - 9.5	E	E	72	B	•
		215/55 R18	95H	9.6	693	226	321	246	2114	7.0	6.0 - 7.5	E	E	69	A	•
		225/55 R18	98H	9.7	705	233	325	254	2150	7.0	6.0 - 8.0	E	E	69	A	•
		235/55 R18	100H	9.7	715	245	329	267	2181	7.5	6.5 - 8.5	E	E	69	A	•
		255/55 R18	109H XL	9.9	737	265	338	289	2248	8.0	7.0 - 9.0	E	E	72	B	•
		235/50 R18	97H	9.7	693	245	321	267	2114	7.5	6.5 - 8.5	E	E	69	A	•
19	60	255/60 R19	113H XL	10.0	789	260	361	283	2406	7.5	7.0 - 9.0	E	E	72	B	•
	55	225/55 R19	99H	9.7	731	233	338	254	2230	7.0	6.0 - 8.0	E	E	69	A	•
		235/55 R19	101H	9.7	741	245	342	267	2260	7.5	6.5 - 8.5	E	E	69	A	•
		245/55 R19	103H	9.8	753	253	347	276	2297	7.5	7.0 - 8.5	E	E	69	A	•
		255/55 R19	111H XL	9.9	763	261	351	284	2328	8	7.0 - 9.0	E	E	72	B	•
	50	265/55 R19	113V XL	9.8	775	277	355	302	2364	8.5	7.5 - 9.5	E	E	72	B	•
		235/50 R19	103H XL	9.7	720	240	334	261	2196	7.5	6.5 - 8.5	E	E	69	A	•
		245/50 R19	105H XL	9.8	729	253	337	276	2223	7.5	7.0 - 8.5	E	E	69	A	•
		255/50 R19	107H XL	9.8	739	265	341	289	2254	8.0	7.0 - 9.0	E	E	72	B	•
		265/50 R19	110H XL	9.9	749	277	345	302	2284	8.5	7.5 - 9.5	E	E	73	B	•
20	60	275/60 R20	115H	10.2	838	279	383	304	2556	8.0	7.5 - 9.5	E	E	72	B	•
	55	235/55 R20	102H	9.7	766	245	355	267	2336	7.5	6.5 - 8.5	E	E	69	A	•
		255/55 R20	110H XL	9.9	788	265	363	289	2403	8.0	7.0 - 9.0	E	E	72	B	•
		265/55 R20	113H XL	10	800	277	368	302	2440	8.5	7.5 - 9.5	E	E	73	B	•
		235/50 R20	104V XL	9.5	744	245	346	267	2269	7.5	6.5 - 8.5	E	E	69	A	•
	50	245/50 R20	102H	9.7	754	253	350	276	2300	7.5	7.0 - 8.5	E	E	72	B	•
		255/50 R20	109H XL	9.8	764	265	354	289	2330	8.0	7.0 - 9.0	E	E	72	B	•
		265/50 R20	111H XL	9.9	774	277	358	302	2361	8.5	7.5 - 9.5	E	E	72	B	•
		275/50 R20	113H XL	10.0	784	284	362	310	2391	8.5	7.5 - 9.5	E	E	73	B	•
		285/50 R20	116H XL	9	794	297	366	324	2422	10.1	8.0 - 10.0	E	E	73	B	•
		255/45 R20	105H XL	9.7	738	255	344	278	2251	8.5	8.0 - 9.5	E	E	72	B	•
21	45	275/45 R20	110V XL	9.7	756	273	351	298	2306	9.0	8.5 - 10.5	E	E	73	B	•
	40	275/40 R20	106H XL	9.7	732	271	341	295	2232	9.5	9.0 - 11.0	E	E	73	B	•
	35	315/35 R20	110V XL	9.3	728	320	340	349	2220	11.0	10.5 - 12.5	E	E	73	B	•
	45	275/45 R21	107V	9.7	781	273	363	298	2382	9.0	8.5 - 10.5	E	E	73	B	•
	40	295/40 R21	111V XL	9.2	769	301	359	328	2345	10.5	10.0 - 11.5	E	E	75	B	•
22	35	315/35 R21	111H XL	9.5	753	320	352	349	2297	11	10.5 - 12.5	E	E	73	B	•
	45	275/45 R22	112H XL	9.7	781	273	363	298	2382	9.0	8.5 - 10.5	E	E	73	B	•
		285/45 R22	114H XL	10.0	815	285	379	311	2486	9.5	9.0 - 10.5	E	E	73	B	•
		275/40 R22	107V XL	9	779	278	365	303	2376	9.5	9.0 - 11.0	E	E	73	B	•

OBSERVE ICE-FREEZER



Observe Ice-Freezer SUV is designed for optimum traction and braking on ice and snow. A consistent performance throughout the tire's life makes it ideal for use in extreme winter conditions.

Excellent in the most extreme winter conditions Observe Ice-Freezer SUV has a directional tread pattern with an optimised stud hole design. It offers exceptional stud retention and improved acoustic comfort. The tree shaped tread design provides the best possible lateral road holding, even in various difficult conditions.

M+S marked.



16 - 22 inch. Speed indices H and T.



E



E



72 - 75

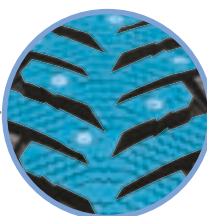
ABC

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



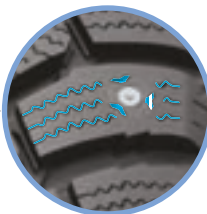
FIR TREE SHAPE TREAD DESIGN

Improving traction/braking performance in ice and snow conditions.



SNOW BLADE AT UPPER SIDEWALL

Improves traction in winter-road conditions.



HIGH-AMPLITUDE SIPE

Provide good cornering performance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	70	215/70 R16	100T	9.3	708	221	321	241	2159	6.5	5.5 - 7.0	-	-	-	-	•
	65	215/65 R16	98T	9.8	686	221	312	241	2092	6.5	6.0 - 7.5	-	-	-	-	•
17	65	215/65 R17	103T XL	-	-	-	-	-	-	-	6.0 - 7.5	-	-	-	-	•
		225/65 R17	106T XL	9.8	724	228	330	249	2208	6.5	6.0 - 8.0	-	-	-	-	•
		235/65 R17	108T XL	10.3	738	240	335	262	2251	7.0	6.5 - 8.5	-	-	-	-	•
	60	215/60 R17	100T XL	8.8	690	221	317	241	2105	6.5	6.0 - 7.5	-	-	-	-	•
		225/60 R17	103T XL	9.7	702	228	321	249	2141	6.5	6.0 - 8.0	-	-	-	-	•
18	60	225/60 R18	100T	9.7	727	228	334	249	2217	6.5	6.0 - 8.0	-	-	-	-	•
		235/60 R18	107T XL	10.2	739	240	339	262	2254	7.0	6.5 - 8.5	-	-	-	-	•
		265/60 R18	114T XL	10.7	775	272	353	296	2364	8.0	7.5 - 9.5	-	-	-	-	•
	55	225/55 R18	102T XL	8.9	705	233	325	254	2150	7.0	6.0 - 8.0	-	-	-	-	•
19	55	225/55 R19	99T	8.9	731	233	338	254	2230	7.0	6.0 - 8.0	E	E	72	B	•
		235/55 R19	105H XL	9.0	741	245	342	267	2260	7.5	6.5 - 8.5	-	-	-	-	•
		255/55 R19	111T XL	9.2	763	265	351	289	2327	8.0	7.0 - 9.0	-	-	-	-	•
		265/55 R19	113H XL	9.5	775	277	355	302	2364	8.5	7.5 - 9.5	-	-	-	-	•
	50	255/50 R19	107T XL	9.2	739	265	341	289	2254	8.0	7.0 - 9.0					•
20	55	235/55 R20	105T XL	9.0	766	245	355	267	2336	7.5	6.5 - 8.5	E	E	72	B	•
		275/55 R20	117T XL	9.4	810	284	372	310	2471	8.5	7.5 - 9.5	-	-	-	-	•
		255/50 R20	109T XL	9.2	764	265	354	289	2330	8.0	7.0 - 9.0	-	-	-	-	•
	50	265/50 R20	111T XL	9.3	774	277	358	302	2361	8.5	7.5 - 9.5	E	E	73	B	•
		285/50 R20	116T XL	9.5	794	297	366	324	2422	9.0	8.0 - 10.0	E	E	75	B	•
21	50	275/50 R21	113T XL	9.4	809	284	374	310	2467	8.5	7.5 - 9.5	E	E	73	B	•
	45	275/45 R21	110T XL	9.5	781	273	363	298	2382	9.0	8.5 - 10.5	E	E	73	B	•
	40	295/40 R21	111T XL	9.2	769	301	359	328	2345	10.5	10.0 - 11.5	E	E	75	B	•
22	50	275/50 R22	111T	9.4	835	284	387	310	2547	8.5	7.5 - 9.5	E	E	73	B	•
	45	285/45 R22	114T XL	9.5	815	285	379	311	2486	9.5	9.0 - 10.5	E	E	75	B	•



OBSERVE ICE-FREEZER SUV

OBSERVE G3-ICE SUV



According to STRO (SCANDINAVIAN TIRE & RIM ORGANIZATION), the number of studs will be reduced from 110 pcs (15 inch) to max 50 pcs/m from 1st July 2013.

Observe G3-Ice SUV is designed for optimum traction and braking on ice and snow. A consistent performance throughout the tire's life makes it ideal for use in extreme winter weather conditions.

Excellent in the most extreme weather conditions. The Observe G3-Ice SUV has a directional tread pattern with an optimised stud hole design. This offers exceptional stud retention and improved acoustic comfort.

The directional tread pattern design provides the best possible lateral road holding, even in the most difficult conditions.

M+S marked.



15 - 22 inch. Speed indices Q, T and H.



D - E



E



72 - 75

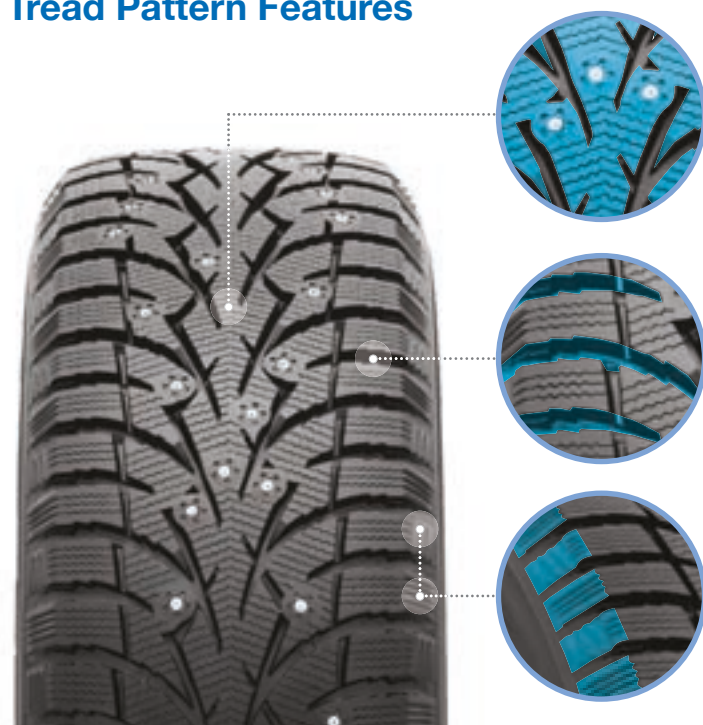
ABC

B

Performance Characteristics

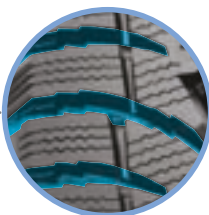
	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
ICE PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



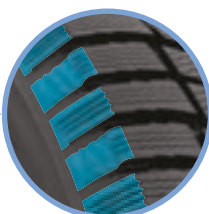
V-SHAPE DESIGN

Enhanced drainage.



SAW-TOOTH EDGED BLOCK

Better handling on ice & snow.



BUTTRESS BLOCK

Enhanced traction on rutted winter roads.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	70	205/70 R15	100T XL	9.9	669	209	303	228	2040	6.0	5.0 - 7.0	D	E	72	B	-
		215/70 R15	98T	9.9	683	221	308	241	2083	6.5	5.5 - 7.0	E	E	72	B	-
		265/70 R15	112T	10.9	753	272	336	296	2297	8.0	7.0 - 9.0	D	E	72	B	-
16	75	225/75 R16	104H	9.9	744	223	335	243	2269	6.0	6.0 - 7.5	E	E	72	B	-
		235/75 R16	108T	10.4	758	235	345	256	2312	6.5	6.0 - 8.0	D	E	72	B	-
		LT245/75 R16	120Q	11.9	774	248	347	270	2361	7.0	6.5 - 8.0	E	E	72	B	-
	70	225/70 R16	107T XL	9.9	722	228	326	249	2202	6.5	6.0 - 7.5	D	E	72	B	-
		235/70 R16	106T	10.4	736	240	332	262	2245	7.0	6.0 - 8.0	D	E	72	B	-
		245/70 R16	111T XL	10.4	750	248	337	270	2288	7.0	6.5 - 8.0	D	E	72	B	-
		255/70 R16	111T	10.4	764	260	343	283	2330	7.5	6.5 - 8.5	D	E	72	B	-
		265/70 R16	112T	10.9	778	272	348	296	2373	8.0	7.0 - 9.0	D	E	72	B	-
		275/70 R16	114T	10.9	792	279	354	304	2416	8.0	7.0 - 9.0	D	E	72	B	-
	65	255/65 R16	109T	10.4	738	260	333	283	2251	7.5	7.0 - 9.0	D	E	72	B	-
17	70	245/70 R17	110T	10.4	776	248	350	270	2367	7.0	6.5 - 8.0	D	E	72	B	-
		245/65 R17	107T	10.4	750	248	340	270	2288	7.0	7.0 - 8.5	D	E	72	B	-
	65	255/65 R17	114T XL	10.4	764	260	345	283	2330	7.5	7.0 - 9.0	D	E	72	B	-
		265/65 R17	116T XL	10.9	776	272	350	296	2367	8.0	7.5 - 9.5	D	E	72	B	-
		275/65 R17	119T XL	10.9	790	279	356	304	2410	8.0	7.5 - 9.5	D	E	72	B	-
	60	235/60 R17	106T XL	10.4	714	240	326	262	2178	7.0	6.5 - 8.5	D	E	72	B	-
18	65	235/65 R18	110T XL	10.4	763	240	348	262	2327	7.0	6.5 - 8.5	D	E	72	B	-
	60	255/60 R18	112T XL	10.4	763	260	348	283	2327	7.5	7.0 - 9.0	D	E	72	B	-
		285/60 R18	120T XL	10.9	799	292	362	318	2437	8.5	8.0 - 10.0	D	E	75	B	-
	55	215/55 R18	99T XL	9.5	693	226	321	246	2114	7.0	6.0 - 7.5	D	E	72	B	•
		255/55 R18	109T XL	9.5	737	265	338	289	2248	8.0	7.0 - 9.0	D	E	72	B	•
	50	235/50 R18	101T XL	9.5	693	245	321	267	2114	7.5	6.5 - 8.5	D	E	72	B	•
19	55	245/55 R19	103T	9.5	753	253	347	276	2297	7.5	7.0 - 8.5	D	E	72	B	•
	50	265/50 R19	110T XL	9.5	749	277	345	302	2284	8.5	7.5 - 9.5	D	E	72	B	•
20	60	275/60 R20	115T	10.9	838	279	383	304	2556	8.0	7.5 - 9.5	D	E	72	B	-
	55	255/55 R20	110T XL	9.5	788	265	363	289	2403	8.0	7.0 - 9.0	D	E	72	B	•
	50	275/50 R20	109T	9.5	784	284	362	310	2391	8.5	7.5 - 9.5	D	E	72	B	•
	45	235/45 R20	100T XL	9.5	720	236	337	257	2196	8.0	7.5 - 9.0	D	E	72	B	•
		245/45 R20	99T	9.5	728	243	340	265	2220	8.0	7.5 - 9.0	E	E	72	B	•
		255/45 R20	105T XL	9.5	738	255	344	278	2251	8.5	8.0 - 9.5	D	E	72	B	•
21	45	275/45 R20	106T	9.5	756	273	351	298	2306	9.0	8.5 - 10.5	D	E	72	B	•
	45	265/45 R21	108T	9.5	771	266	359	290	2352	9.0	8.5 - 10.0	D	E	72	B	•
	35	295/35 R21	107T	9.5	739	301	347	328	2254	10.5	10.0 - 11.5	D	E	75	B	•
22	40	275/40 R22	107T XL	9.5	779	278	365	303	2376	9.5	9.0 - 11.0	D	E	72	B	•

VAN/LIGHT TRUCK TIRES





VAN/LIGHT TRUCK TIRES

OBSERVE ICE-FREEZER VAN

CELSIUS CARGO

NANOENERGY VAN

OBSERVE VAN

VAN/LIGHT
TRUCK TIRES

OBSERVE ICE-FREEZER VAN



NEW

A studdable tire providing reliable safety throughout the most extreme winters. Observe Ice-Freezer VAN addresses a need for light goods vehicle drivers to be able to complete shipments, whatever the weather.

The ability to deliver reliably and safely, especially in icy Scandinavian winters, drove the development of this tire.

M+S marked.



15 - 17 inch. Speed indices R.



E



E

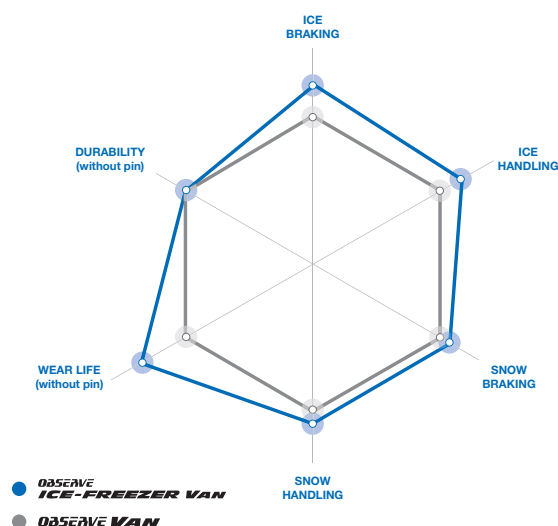


72

ABC

B

Performance Characteristics



Tread Pattern Features



ZIGZAG MAIN GROOVE

Effective for snow traction.
Improved the flexibility of stud distribution.

ANGLE VARIATION SIPE

Effective for ice and snow performance.

WIDE DISTRIBUTION OF STUD LINES

Effectively scratch the ice road surface.
(Tire will be delivered without studs).

OBSERVE ICE-FREEZER VAN



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)	 RRC	 Wet	 Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	70	195/70 R15C	104R	-	-	-	-	-	-	-	-	E	E	72	B	-
		215/70 R15C	109R	-	-	-	-	-	-	-	-	E	E	72	B	-
		225/70 R15C	112R	-	-	-	-	-	-	-	-	E	E	72	B	-
16	75	185/75 R16C	104R	-	-	-	-	-	-	-	-	E	E	72	B	-
		195/75 R16C	107R	-	-	-	-	-	-	-	-	E	E	72	B	-
		205/75 R16C	113R	-	-	-	-	-	-	-	-	E	E	72	B	-
		215/75 R16C	113R	-	-	-	-	-	-	-	-	E	E	72	B	-
	65	225/75 R16C	121R	-	-	-	-	-	-	-	-	E	E	72	B	-
		205/65 R16C	107R	-	-	-	-	-	-	-	-	E	E	72	B	-
		215/65 R16C	109R	-	-	-	-	-	-	-	-	E	E	72	B	-
		225/65 R16C	112R	-	-	-	-	-	-	-	-	E	E	72	B	-
		235/65 R16C	121R	9.8	712	240	322	262	2172	7.0	6.5 - 7.5	E	E	72	B	-
17	60	215/60 R17C	109R	-	-	-	-	-	-	-	-	E	E	72	B	-
		235/60 R17C	117R	-	-	-	-	-	-	-	-	E	E	72	B	-



OBSERVE ICE-FREEZER VAN

VAN/LIGHT
TRUCK TIRES

CELSIUS CARGO



The durable construction of Celsius Cargo is built for year round reliability in applications including local deliveries, services and transportation. Celsius Cargo is part of the Celsius all-weather tire line, which also includes the Celsius and Celsius AS2 for passenger cars and SUVs.

Offering better traction on snow and ice than a typical all-season tire and longer tread life than a winter tire, Celsius Cargo also carries the Three-Peak Mountain Snowflake Symbol. To owners, these benefits mean more time on the job and less downtime switching tires.

M+S marked.



14 - 17 inch. Speed indices R, S, T and H.



C - E



C



72

A B C

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



MULTI-WAVE SIPES

Improved braking in the wet and grip on snow.

SLUSH GROOVE

Improved performance on wet slush snow.

BIG SNOW CLAW AND ZIG ZAG SNOW CLAW

Snow traction.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	70	175/70 R14C	95/93T	9.7	602	177	274	193	1836	5.0	4.5 - 5.5	E	C	72	B	-
		195/70 R15C	104/102S	10	655	201	297	219	1998	6.0	5.0 - 6.0	D	C	72	B	-
15	70	205/70 R15C	106/104T	9.9	669	209	303	228	2040	6.0	5.5 - 6.5	E	C	72	B	-
		215/70 R15C	109/107S	10.2	683	221	308	241	2083	6.5	5.5 - 7.0	D	C	72	B	-
		225/70 R15C	112/110S	10.3	697	228	314	249	2126	6.5	6.0 - 7.0	D	C	72	B	-
		185/60 R15C	94/92T	9.9	603	189	277	206	1839	5.5	6.0 - 7.0	D	C	72	B	-
	65	215/65 R15C	104/102T	9.6	661	221	300	241	2016	6.5	6.0 - 7.0	E	C	72	B	-
		185/75 R16C	104/102R	10	684	184	311	201	2086	5.0	5.0 - 6.0	E	C	72	B	-
16	75	195/75 R16C	110/108T	10.1	698	196	317	214	2129	5.5	5.0 - 6.0	D	C	72	B	-
		205/75 R16C	113/111R	10.2	714	203	323	221	2178	5.5	5.5 - 6.5	D	C	72	B	-
		215/75 R16C	116/114T	10.1	728	216	329	235	2220	6.0	5.5 - 7.0	D	C	72	B	-
		225/75 R16C	121/120T	10.4	744	223	335	243	2269	6.0	6.0 - 7.0	C	C	72	B	-
		195/65 R16C	104/102T	9.7	660	201	302	219	2013	6.0	5.5 - 6.0	E	C	72	B	-
	65	205/65 R16C	107/105T	9.8	672	209	307	228	2050	6.0	5.5 - 6.5	D	C	72	B	-
		215/65 R16C	109/107T	9.9	686	221	312	241	2092	6.5	6.0 - 7.0	D	C	72	B	-
		225/65 R16C	112/110T	10	698	228	317	249	2129	6.5	6.0 - 7.0	D	C	72	B	-
		235/65 R16C	115/113T	10.3	712	240	322	262	2172	7.0	6.5 - 7.5	D	C	72	B	-
		235/65 R16C	121/119R	10.3	712	240	322	262	2172	7.0	6.5 - 7.5	C	C	72	B	-
	60	195/60 R16C	99/97H	9.5	640	201	294	219	1952	6.0	5.5 - 6.5	E	C	72	B	-
		215/60 R16C	103/101T	9.8	664	221	304	241	2025	6.5	6.0 - 7.0	E	C	72	B	-
17	60	215/60 R17C	109/107T	9.8	690	221	317	241	2105	6.5	6.0 - 7.0	E	C	72	B	-
		235/60 R17C	117/115T	10	714	240	326	262	2178	7.0	6.5 - 7.5	D	C	72	B	-
	55	225/55 R17C	109/107H	9.7	680	233	313	254	2074	7.0	6.5 - 7.5	E	C	72	B	-



VAN/LIGHT
TRUCK TIRES

NANOENERGY VAN

NanoEnergy Van is the reliable and economical summer tire for vans and is designed to maintain cost-effective operation while saving fuel. The NanoEnergy Van, with its reinforced tire casing and handling stability offers a reliable drive on dry and wet roads.

Shorter braking distance and improved driving stability offer more safety, while its reinforced carcass helps extend tire life providing good reliability.



13 - 17 inch. Speed indices Q, R, S, T and H.



C - D



B - C



70

ABC

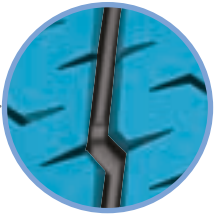
B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features

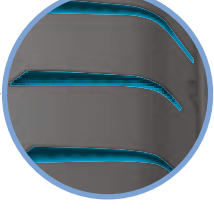




DOUBLE ZIGZAG RIB
Less wear with high rib stiffness.



3D MULTI WAVE SIPES
Decreased block movement for better cornering behaviour.



DYNAMIC TAPER
Better traction to the road surface.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
13	70	165/70 R13C	88/86R	8.4	562	170	256	185	1714	5.0	4.5 - 5.0	D	C	70	B	-
		165/75 R14C	97/95R	8.5	604	165	275	180	1842	4.5	4.0 - 5.0	D	B	70	B	-
		185/75 R14C	102/100S	8.7	634	184	286	201	1934	5.0	5.0 - 6.0	D	B	70	B	-
		195/75 R14C	106/104S	8.8	648	196	292	214	1976	5.5	5.0 - 6.0	C	B	70	B	-
14	70	165/70 R14C	89/87R	8.4	588	170	268	185	1793	5.0	4.5 - 5.0	D	C	70	B	-
		175/70 R14C	95/93T	8.3	602	177	274	193	1836	5.0	4.5 - 5.5	D	C	70	B	-
	65	175/65 R14C	90/88T	8.2	584	177	267	193	1781	5.0	5.0 - 5.5	D	B	70	B	-
		175 R14C	99/98S	8.7	634	178	286	194	1934	5.0	4.5 - 5.5	D	C	70	B	-
		185 R14C	102/100S	8.8	650	188	293	205	1983	5.5	5.0 - 6.0	D	B	70	B	-
		195 R14C	106/104S	8.9	666	198	299	216	2031	5.5	5.0 - 6.0	C	B	70	B	-
		205 R14C	109/107S	9.0	686	208	307	227	2092	6.0	5.5 - 6.5	C	B	70	B	-
		215 R14C	112/110S	9.1	700	218	312	238	2135	6.0	5.5 - 7.0	C	B	70	B	-
	75	225/75 R15C	110/108Q	9.1	719	223	322	243	2193	6.0	6.0 - 7.0	C	B	70	B	-
		195/70 R15C	104/102S	8.7	655	201	297	219	1998	6.0	5.0 - 6.0	D	C	70	B	-
		205/70 R15C	106/104S	8.8	669	209	303	228	2040	6.0	5.5 - 6.5	C	C	70	B	-
		215/70 R15C	109/107S	8.9	683	221	308	241	2083	6.5	5.5 - 7.0	C	C	70	B	-
		225/70 R15C	112/110S	9.0	697	228	314	249	2126	6.5	6.0 - 7.0	C	C	70	B	-
		205/65 R15C	102/100T	8.5	647	209	294	228	1973	6.0	5.5 - 6.5	D	B	70	B	-
15	65	215/65 R15C	104/102T	8.6	661	221	300	241	2016	6.5	6.0 - 7.0	D	B	70	B	-
		185 R15C	103/102R	8.8	674	188	305	205	2056	5.5	5.0 - 6.0	D	B	70	B	-
		195 R15C	106/104S	8.9	690	198	311	216	2105	5.5	5.0 - 6.0	C	B	70	B	-
		175/75 R16C	101/99S	8.6	668	177	305	193	2037	5.0	4.5 - 5.5	D	B	70	B	-
	75	185/75 R16C	104/102S	8.7	684	184	311	201	2086	5.0	5.0 - 6.0	D	B	70	B	-
		195/75 R16C	107/105T	8.8	698	196	317	214	2129	5.5	5.0 - 6.0	C	B	70	B	-
		195/75 R16C	110/108R	8.8	698	196	317	214	2129	5.5	5.0 - 6.0	C	B	70	B	-
		205/75 R16C	113/111R	8.9	714	203	323	221	2178	5.5	5.5 - 6.5	C	B	70	B	-
		215/75 R16C	116/114R	9.0	728	216	329	235	2220	6.0	5.5 - 7.0	C	B	70	B	-
		225/75 R16C	121/120R	9.1	744	223	335	243	2269	6.0	6.0 - 7.0	C	B	70	B	-
16	70	215/70 R16C	108/106T	8.7	708	221	321	241	2159	6.5	5.5 - 7.0	C	C	70	B	-
		195/65 R16C	104/102T	8.4	660	201	302	219	2013	6.0	5.5 - 6.0	D	B	70	B	-
		205/65 R16C	107/105T	8.5	672	209	307	228	2050	6.0	5.5 - 6.5	C	B	70	B	-
		215/65 R16C	109/107T	8.6	686	221	312	241	2092	6.5	6.0 - 7.0	C	B	70	B	-
	65	225/65 R16C	112/110T	8.7	698	228	317	249	2129	6.5	6.0 - 7.0	C	B	70	B	-
		235/65 R16C	115/113S	9.0	712	240	322	262	2172	7.0	6.5 - 7.5	C	B	70	B	-
		235/65 R16C	121/119S	9.0	712	240	322	262	2172	7.0	6.5 - 7.5	C	B	70	B	-
		195/60 R16C	99/97H	8.1	640	201	294	219	1952	6.0	5.5 - 6.5	D	C	70	B	-
	60	215/60 R16C	103/101T	8.5	664	221	304	241	2025	6.5	6.0 - 7.0	D	C	70	B	-
		225/60 R16C	111/109T	8.6	676	228	308	249	2062	6.5	6.5 - 7.5	C	C	70	B	-
17	60	215/60 R17C	109/107T	8.5	690	221	317	241	2105	6.5	6.0 - 7.0	C	C	70	B	-
		235/60 R17C	117/115R	8.9	714	240	326	262	2178	7.0	6.5 - 7.5	C	C	70	B	-
	55	225/55 R17C	109/107H	8.3	680	233	313	254	2074	7.0	6.5 - 7.5	C	C	70	B	-

OBSERVE VAN



T-MODE

This reliable and economical winter van tire is designed to keep business moving, whatever the conditions. In cold, wet wintry conditions or even in snow, Observe Van tires offer unrivalled mobility.

Observe Van tires are hard wearing. Nano Balance Technology has been employed to develop enhanced compounds. These, combined with a strengthened casing and innovative tread block design, result in a longer lasting tire.

M+S marked.



14 - 17 inch. Speed indices R, S, T and H.



C - E



B - C



72

ABC

B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
SNOW PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



DOUBLE ZIGZAG RIB

Improves wear performance with high rib stiffness.
Edge effect on snow surface.

LARGE SHOULDER BLOCK

Improves wear performance with high block stiffness.

3D MULTI-WAVE SIPES

Suppress the movement of the block, thus providing good cornering performance.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
14	75	185/75 R14C	102/100S	10.0	634	184	286	201	1934	5.0	5.0 - 6.0	D	C	72	B	-
		195/75 R14C	106/104S	10.1	648	196	292	214	1976	5.5	5.0 - 6.0	D	C	72	B	-
	70	165/70 R14C	89/87R	9.3	588	170	268	185	1793	5.0	4.5 - 5.0	D	C	72	B	-
		175/70 R14C	95/93T	9.0	602	177	274	193	1836	5.0	4.5 - 5.5	D	C	72	B	-
	65	175/65 R14C	90/88T	9.6	584	177	267	193	1781	5.0	5.0 - 5.5	D	B	72	B	-
		175 R14C	99/98S	10.0	634	178	286	194	1934	5.0	4.5 - 5.5	D	C	72	B	-
		185 R14C	102/100S	9.7	650	188	293	205	1983	5.5	5.0 - 6.0	D	C	72	B	-
		195 R14C	106/104S	10.2	666	198	299	216	2031	5.5	5.0 - 6.0	D	C	72	B	-
		195 R14C	110/108S	9.7	666	198	299	216	2031	5.5	5.0 - 6.0	E	C	72	B	-
		205 R14C	109/107S	10.3	686	208	307	227	2092	6.0	5.5 - 6.5	D	C	72	B	-
		215 R14C	112/110S	10.4	700	218	312	238	2135	6.0	5.5 - 7.0	D	C	72	B	-
15	70	195/70 R15C	104/102S	10.0	655	201	297	219	1998	6.0	5.0 - 6.0	D	C	72	B	-
		205/70 R15C	106/104S	10.1	669	209	303	228	2040	6.0	5.5 - 6.5	D	C	72	B	-
		215/70 R15C	109/107S	10.2	683	221	308	241	2083	6.5	5.5 - 7.0	D	C	72	B	-
		225/70 R15C	112/110S	10.3	697	228	314	249	2126	6.5	6.0 - 7.0	D	C	72	B	-
	65	205/65 R15C	102/100T	9.8	647	209	294	228	1973	6.0	5.5 - 6.5	D	B	72	B	-
		215/65 R15C	104/102T	9.3	661	221	300	241	2016	6.5	6.0 - 7.0	D	B	72	B	-
16	75	175/75 R16C	101/99S	9.9	668	177	305	193	2037	5.0	4.5 - 5.5	D	C	72	B	-
		185/75 R16C	104/102S	10.0	684	184	311	201	2086	5.0	5.0 - 6.0	D	C	72	B	-
		195/75 R16C	110/108R	10.1	698	196	317	214	2129	5.5	5.0 - 6.0	D	C	72	B	-
		205/75 R16C	113/111R	10.2	714	203	323	221	2178	5.5	5.5 - 6.5	D	C	72	B	-
		215/75 R16C	116/114R	10.3	728	216	329	235	2220	6.0	5.5 - 7.0	C	C	72	B	-
		225/75 R16C	121/120R	9.8	744	223	335	243	2269	6.0	6.0 - 7.0	C	C	72	B	-
	65	195/65 R16C	104/102T	9.7	660	201	302	219	2013	6.0	5.5 - 6.0	D	B	72	B	-
		205/65 R16C	107/105T	9.8	672	209	307	228	2050	6.0	5.5 - 6.5	D	B	72	B	-
		215/65 R16C	109/107T	9.3	686	221	312	241	2092	6.5	6.0 - 7.0	D	B	72	B	-
		225/65 R16C	112/110T	10.0	698	228	317	249	2129	6.5	6.0 - 7.0	D	B	72	B	-
		235/65 R16C	115/113S	10.3	712	240	322	262	2172	7.0	6.5 - 7.5	C	B	72	B	-
		235/65 R16C	121/119S	10.3	712	240	322	262	2172	7.0	6.5 - 7.5	C	B	72	B	-
	60	195/60 R16C	99/97H	9.5	640	201	294	219	1952	6.0	5.5 - 6.5	D	C	72	B	-
		205/60 R16C	100/98T	9.7	652	209	299	228	1989	6.0	6.0 - 6.5	D	C	72	B	-
		215/60 R16C	103/101T	9.8	664	221	304	241	2025	6.5	6.0 - 7.0	D	C	72	B	-
		225/60 R16C	111/109T	9.9	676	228	308	249	2062	6.5	6.5 - 7.5	D	C	72	B	-
17	60	215/60 R17C	109/107T	9.8	690	221	317	241	2105	6.5	6.0 - 7.0	D	C	72	B	-
		235/60 R17C	117/115R	9.8	714	240	326	262	2178	7.0	6.5 - 7.5	C	C	72	B	-
	55	225/55 R17C	109/107H	9.7	680	233	313	254	2074	7.0	6.5 - 7.5	D	C	72	B	-

OBSERVE VAN

COMPETITION TIRES





COMPETITION TIRES

PROXES R888R

COMPETITION
TIRES

PROXES R888R



The Proxes R888R delivers increased dry grip and steering performance for track use.

The tire offers a quick warm up and sustained handling over multiple laps and heat cycles. The improved performance gives a competitive advantage on dry tracks.

CAUTION:

The rubber compounds used in these tires have unique properties that can cause them to lose some of their flexibility when used or handled in temperatures below -9°C. This loss in flexibility can lead to potential cracking and other damage to the tire.

To minimise the chances of this happening, consumers and installers are advised to follow the instructions below:

1. Do not move or operate a vehicle fitted with these tires in temperatures below -9°C.
2. Avoid moving these tires in temperatures below -9°C
3. Before mounting or dismounting, store these tires for at least 24 hours in a temperature controlled environment of 20°C or warmer and always inspect for signs of cracking before mounting. Never use tires that have cracked.
4. Remove the wheels from the vehicle and deflate the tires to half the normal air pressure during prolonged periods of inactivity or for storage.
5. Aquaplaning and wear are good for a competition tire but are inferior to a normal road tire. Because of this, PROXES R888R is not recommended for everyday road use.

For best performance, PROXES R888R should be changed after two seasons maximum, irrespective of wear.

13 - 20 inch. Speed indices V, W and Y (Y).


D


D


70 - 75


ABC
B

Performance Characteristics

	1	2	3	4	5
DRY PERFORMANCE					
WET PERFORMANCE					
WEAR PERFORMANCE					
RIDE COMFORT					
NOISE					

Tread Pattern Features



OUTER TREAD AREA

Large tread block on outer area.
Enhanced dry cornering.
Increased lateral limit.

GG COMPOUND

Fast warm up time.

WIDE CENTER RIB

Precise steering response.



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
					OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
13	60	185/60 R13	80V	5.0	552	189	252	206	1684	5.5	5.0 - 6.5	D	D	70	B	-
		205/60 R13	86V	5.0	576	209	261	228	1757	6.0	5.5 - 7.5	D	D	71	B	-
	45	225/45 R13	84V	5.0	532	225	244	245	1623	7.5	7.0 - 8.5	D	D	71	B	-
14	60	185/60 R14	82V	5.0	578	189	265	206	1763	5.5	5.0 - 6.5	D	D	70	B	-
15	55	195/55 R15	89V XL	5.0	595	201	274	219	1815	6.0	5.5 - 7.0	D	D	72	B	-
		195/50 R15	82V	5.0	577	201	267	219	1760	6.0	5.5 - 7.0	D	D	71	B	-
	50	205/50 ZR15	89W XL	5.0	587	214	271	233	1790	6.5	5.5 - 7.5	D	D	72	B	-
		225/50 ZR15	91W	5.0	607	233	279	254	1851	7.0	6.0 - 8.0	D	D	71	B	-
		235/50 ZR15	94W	5.0	617	245	283	267	1882	7.5	6.5 - 8.5	D	D	71	B	-
	45	225/45 ZR15	91W XL	5.0	583	225	269	245	1778	7.5	7.0 - 8.5	D	D	72	B	-
16	55	205/55 ZR16	94W	5.0	632	214	291	233	1928	6.5	5.5 - 7.5	D	D	71	B	-
	50	195/50 ZR16	84W	5.0	602	201	279	219	1836	6.0	5.5 - 7.0	D	D	71	B	-
		205/50 ZR16	87W	5.0	612	214	283	233	1867	6.5	5.5 - 7.5	D	D	71	B	-
		255/50 ZR16	99W	5.0	662	265	303	289	2019	8.0	7.0 - 9.0	D	D	72	B	-
	45	205/45 ZR16	87W XL	5.0	590	206	275	225	1800	7.0	6.5 - 7.5	D	D	72	B	-
		225/45 ZR16	93W XL	5.0	608	225	282	245	1854	7.5	7.0 - 8.5	D	D	72	B	-
17	50	245/45 ZR16	94W	5.0	626	243	289	265	1909	8.0	7.5 - 9.0	D	D	71	B	-
		205/50 ZR17	89W	5.0	638	214	296	233	1946	6.5	5.5 - 7.5	D	D	71	B	-
		205/45 ZR17	88W	5.0	616	206	288	225	1879	7.0	6.5 - 7.5	D	D	71	B	-
		215/45 ZR17	91W	5.0	626	213	292	232	1909	7.0	7.0 - 8.0	D	D	71	B	-
	40	235/45 ZR17	94W	5.0	644	236	299	257	1964	8.0	7.5 - 9.0	D	D	72	B	-
		205/40 ZR17	84W XL	5.0	596	212	280	231	1818	7.5	7.0 - 8.0	D	D	71	B	-
		235/40 ZR17	94W	5.0	620	241	289	263	1891	8.5	8.0 - 9.5	D	D	71	B	-
		245/40 ZR17	95W XL	5.0	628	248	292	270	1915	8.5	8.0 - 9.5	D	D	71	B	-
18	40	255/40 ZR17	98W	5.0	636	260	296	283	1940	9.0	8.5 - 10.0	D	D	72	B	-
		275/40 ZR17	98W	5.0	652	278	302	303	1989	9.5	9.0 - 11.0	D	D	73	B	-
	35	205/40 R18	86W XL	5.0	621	212	292	231	1894	7.5	7.0 - 8.0	D	D	71	B	-
		225/40 ZR18	92Y XL	5.0	637	230	299	251	1943	8.0	7.5 - 9.0	D	D	72	B	-
		235/40 ZR18	95Y	5.0	645	241	302	263	1967	8.5	8.0 - 9.5	D	D	72	B	-
	30	245/40 ZR18	97Y XL	5.0	653	248	305	270	1992	8.5	8.0 - 9.5	D	D	72	B	-
		255/35 ZR18	94Y XL	5.0	635	260	298	283	1937	9.0	8.5 - 10.0	D	D	72	B	-
19	35	265/35 ZR18	97Y	5.0	643	271	301	295	1961	9.5	9.0 - 10.5	D	D	73	B	-
		275/35 ZR18	95Y	5.0	649	278	303	303	1979	9.5	9.0 - 11.0	D	D	73	B	-
		295/30 ZR18	98Y XL	5.0	635	301	298	328	1937	10.5	10.0 - 11.0	D	D	72	B	-
	30	235/35 ZR19	(91Y) XL	5.0	647	241	305	263	1973	8.5	8.0 - 9.5	D	D	75	B	-
		275/35 ZR19	96Y	5.0	675	278	316	303	2059	9.5	9.0 - 11.0	D	D	73	B	-
		285/35 ZR19	99Y	5.0	683	290	319	316	2083	10.0	9.5 - 11.0	D	D	71	B	-
20	35	265/30 ZR19	93Y XL	5.0	643	271	304	295	1961	9.5	9.0 - 10.0	D	D	72	B	-
		295/30 ZR19	100Y XL	5.0	661	301	311	328	2016	10.5	10.0 - 11.0	D	D	73	B	-
	30	305/30 ZR19	(102Y) XL	5.0	667	313	313	341	2034	11.0	10.5 - 11.5	D	D	75	B	-
		255/35 ZR20	93Y	5.0	686	260	323	283	2092	9.0	8.5 - 10.0	D	D	75	B	-
20	35	285/35 ZR20	(100Y)	5.0	710	290	332	316	2231	10.0	9.5 - 11.0	D	D	73	B	-
		285/30 ZR20	95Y	5.0	680	290	321	316	2074	10.0	9.5 - 10.5	D	D	71	B	-
	30	315/30 ZR20	(101Y)	5.0	703	320	328	349	2209	11.0	10.5 - 11.5	D	D	74	B	-



PROXES R888R



ORIGINAL EQUIPMENT OVERVIEW



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.

MODEL	LHD / RHD	PATTERN	TIRE SIZE	CATEGORY	WEIGHT (KG)	RRC	WET	NOISE dB	NOISE
Fiat Fullback (2016-)	LHD/RHD	OPA28	245/65 R17 111S OPA28 TL XL	SUV	15.5	C	C	71	B
ISUZU D-MAX (2016-)	RHD	Open Country A33A	255/60 R18 108S OPA33A TL	SUV	14.28	C	D	71	B
ISUZU D-MAX	LHD	Open Country A33B	255/60 R18 108S OPA33B TL	SUV	14.1	C	D	70	B
Lexus RX300	LHD	Tranpath 11B	215/70 R16 100T TAA11B TL	SUV	10.981	D	D	71	B
Mazda 2 (2007-)	RHD	Proxes R31A	195/45 R16 80W PXR31A TL	PCR	8.195	D	C	68	A
Mazda 2	LHD	Proxes R31C	195/45 R16 80W PXR31C TL	PCR	8.195	D	C	68	A
Mazda 2 (2014-2020)	LHD	Proxes R39	185/60 R16 86H PXR39 TL	PCR	7.543	B	B	69	B
Mazda 2 (2014-2020)	RHD	Proxes R39A	185/60 R16 86H PXR39 TL	PCR	7.55	B	B	69	B
Mazda 2 (2019-)	RHD	Proxes R55	185/60 R16 86H PXR55 TL	PCR	7.4	B	B	68	B
Mazda 2 (2019-)	LHD	Proxes R55	185/60 R16 86H PXR55A TL	PCR	7.381	B	B	69	B
Mazda 2 (2007-)	RHD	Toyo R27A	185/55 R15 82V TYR27A TL	PCR	7.898	D	C	68	B
Mazda 2 (old model)	LHD	Toyo R27E	185/55 R15 82V TYR27E TL	PCR	8.233	D	C	68	B
Mazda 2 (old model)	LHD	Toyo R27F	185/55 R15 82V TYR27F TL	PCR	7.906	C	D	69	B
Mazda 3 2018 (Face lift)	LHD	Proxes R51A	215/45 R18 89W PXR51A TL	PCR	9.832	C	C	69	B
Mazda 3 2018 (Face lift)	RHD	Proxes R51A	215/45 R18 89W PXR51A TL	PCR	9.833	C	C	69	B
Mazda 3 (Successor of NER38)	LHD	NanoEnergy R38B	205/60 R16 92V NER38B TL	PCR	9.65	C	C	69	B
Mazda 3 (Successor of NER38A)	RHD	NanoEnergy R38C	205/60 R16 92V NER38C TL	PCR	9.65	C	C	70	B
Mazda 3 (2013-2018)	RHD	Proxes R32C	205/50 R17 89W PXR32C TL	PCR	10.996	D	C	70	B
Mazda 3 (2013-2018)	LHD	Proxes R32D	205/50 R17 89W PXR32D TL	PCR	10.7	D	C	70	B
Mazda 5	LHD	Toyo J48J	205/55 R16 91V TYJ48J TL	PCR	10.475	D	C	68	A
Mazda 6	LHD	Proxes T1 Sport	225/55 R17 97V PXTSB TL	PCR	11.785	C	C	71	B
Mazda 6	RHD	Proxes T1 Sport C	225/55 R17 97V PXTSC TL	PCR	11.785	C	C	71	B
Mazda 6 (2010-)	LHD/RHD	Toyo J48A	215/55 R17 94V TYJ48A TL	PCR	10.606	C	C	68	A
Mazda 6	LHD	Proxes R54	225/55 R17 97V PXR54 TL	PCR	11.546	D	C	69	B
Mazda 6 (2018-)	RHD	Proxes R54A	225/55 R17 97V PXR54A TL	PCR	11.546	D	C	69	B
Mazda CX-3 (Minor change 2018)	LHD	Proxes R52	215/50 R18 92V PXR52 TL	SUV	10.962	D	C	67	A
Mazda CX-3 (Minor change 2018)	RHD	Proxes R52A	215/50 R18 92V PXR52A TL	SUV	10.962	D	C	67	A
Mazda CX-3	LHD	Proxes R40	215/50 R18 92V PXR40 TL	SUV	10.938	C	C	69	B
Mazda CX-3 (2015-)	RHD	Proxes R40A	215/50 R18 92V PXR40A TL	SUV	10.91	C	C	69	B
Mazda CX-30	LHD	Proxes R56	215/55 R18 95H PXR56 TL	SUV	10.5	C	B	67	A
Mazda CX-30 (2019-)	RHD	Proxes R56	215/55 R18 95H PXR56 TL	SUV	10.5	C	B	67	A



ISUZU



LEXUS



NISSAN

TOYOTA



ORIGINAL EQUIPMENT OVERVIEW



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.

MODEL	LHD / RHD	PATTERN	TIRE SIZE	CATEGORY	WEIGHT (KG)	RRC	WET	NOISE dB	NOISE
Mazda CX5 (Model 2017)	RHD	Proxes R46	225/55 R19 99V PXR46 TL	SUV	13.605	C	C	70	B
Mazda CX5 (Model 2017)	LHD	Proxes R46A	225/55 R19 99V PXR46A TL	SUV	13.605	C	C	70	B
Mazda CX5	LHD	Proxes R36B	225/55 R19 99V PXR36B TL	SUV	12.737	C	C	69	B
Mazda CX-60 (NEW)	LHD	Proxes Sport	235/50 R20 100W PXSPQ TL	PCR	11.327	B	B	70	B
Mazda CX-60 (NEW)	RHD	Proxes Sport	235/50 R20 100W PXSPQ TL	PCR	11.327	B	B	70	B
Mazda Premacy	LHD/RHD	Tranpath R23	195/55 R15 85V TAR23 TL	PCR	8.557	D	C	69	B
Mitsubishi L200/Triton (2014-)	LHD/RHD	OPA28	245/65 R17 111S OPA28 TL XL	SUV	15.5	C	C	71	B
Mitsubishi Pajero Sports	LHD/RHD	OPA32	265/60 R18 110H OPA32 TL	SUV	16.094	C	E	72	B
Mitsubishi Outlander (2012-)	LHD/RHD	Toyo R37	225/55 R18 98H TYR37 TL	SUV	12.871	E	C	69	B
Nissan Cube	LHD	Toyo J50A	195/60 R15 88H TYJ50A TL	PCR	8.765	D	C	68	A
Nissan Cube	RHD	Toyo J50A	195/60 R15 88H TYJ50A TL	PCR	8.772	E	C	68	A
Nissan Cube	LHD	Toyo J50A	195/55 R16 87V TYJ50A TL	PCR	8.821	D	C	68	A
Nissan Cube	RHD	Toyo J50A	195/55 R16 87V TYJ50A TL	PCR	8.823	D	C	68	A
Nissan X-Trail (12/2003-)	LHD	Tranpath A14	215/70 R15 98H TAA14 TL	SUV	10.742	C	D	71	B
Nissan X-Trail (12/2003-)	RHD	Tranpath A14	215/70 R15 98H TAA14 TL	SUV	10.742	C	D	71	B
Nissan X-Trail	RHD	OPA19C	215/65 R16 98H OPA19C TL	SUV	11.123	C	D	68	A
Nissan X-Trail	LHD	OPA20B	215/55 R18 95H OPA20B TL	SUV	11.777	C	C	69	B
Toyota Land Cruiser	LHD/RHD	OPA21	P245/70 R17 108S OPA21 TL	SUV	15.992	C	D	70	B
Toyota Prius (up to 2015)	LHD	Proxes R30	215/45 R17 87W PXR30 TL	PCR	10.371	D	C	68	A
Toyota Prius (2016)	LHD	NanoEnergy J61	195/65 R15 91H NEJ61 TL	PCR	7.8	B	B	69	B
Toyota Prius (2016)	RHD	NanoEnergy J61A	195/65 R15 91H NEJ61A TL	PCR	7.8	B	B	69	B
Toyota Prius (2016)	RHD	NanoEnergy R41	215/45 R17 87W NER41 TL	PCR	9.9	C	B	69	B
Toyota Prius (2016)	LHD	NanoEnergy R41A	215/45 R17 87W NER41A TL	PCR	9.9	C	C	68	A
Toyota Prius (2018-)	LHD/RHD	Nanoenergy J64	195/65 R15 91H NEJ64 TL	PCR	7.5	A	C	68	A
Toyota Prius (2009-)	RHD	Proxes R30A	215/45 R17 87W PXR30A TL	PCR	10.167	D	C	68	A
Toyota Prius +	LHD	Proxes R35	215/50 R17 91V PXR35A TL	PCR	11.245	D	C	67	A
Toyota RAV4	LHD	Tranpath A11	235/60 R16 100H TAA11 TL	SUV	11.725	D	D	70	B
Toyota RAV4 (2006-)	RHD	Tranpath A11	235/60 R16 100H TAA11 TL	SUV	11.712	D	D	70	B
Toyota RAV4	LHD	Tranpath A14A	215/70 R16 99H TAA14A TL	SUV	10.374	D	C	70	B
Toyota RAV4	RHD	Tranpath A14A	215/70 R16 99H TAA14A TL	SUV	10.9	D	C	70	B
Toyota RAV4 (Model 2017)	LHD/RHD	Proxes R46A	225/55 R19 99V PXR46A TL	SUV	13.605	C	C	70	B



ISUZU



LEXUS



NISSAN

TOYOTA



ORIGINAL EQUIPMENT PATTERN OVERVIEW


NANOENERGY
NEJ61 / A - TOYOTA PRIUS - 2016


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	65	195/65 R15	91H	NEJ61	LHD	7.5	635	201	290	219	1937	6.0	5.5 - 7.0	B	B	69	B	-
		195/65 R15	91H	NEJ61A	RHD	7.5	635	201	290	219	1937	6.0	5.5 - 7.0	B	B	69	B	-


NANOENERGY
NEJ64 - TOYOTA PRIUS - 2018-


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	65	195/65 R15	91H	NEJ64	R/LHD	6.8	635	201	290	219	1937	6.0	5.5 - 7.0	A	C	68	A	-


NANOENERGY
NER38 B / C - MAZDA 3


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	60	205/60 R16	92V	NER38B	LHD	7.9	652	209	299	228	1989	6.0	5.5 - 7.5	C	C	69	B	-
		205/60 R16	92V	NER38C	RHD	7.9	652	209	299	228	1989	6.0	5.5 - 7.5	C	C	70	B	-


NANOENERGY
NER41 / A - TOYOTA PRIUS - 2016


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	45	215/45 R17	87W	NER41	RHD	7.5	628	222	292	242	1915	7.0	6.0 - 8.0	C	B	69	B	•
		215/45 R17	87W	NER41A	LHD	7.5	628	222	292	242	1915	7.0	6.0 - 8.0	C	C	68	A	•


OPEN COUNTRY
OPA19C - NISSAN X-TRAIL
M+S MARKED


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	65	215/65 R16	98H	OPA19C	RHD	7.9/7.7	691	220	314	240	2108	6.5	6.0 - 7.5	C	D	68	A	-


OPEN COUNTRY
OPA20B - NISSAN X-TRAIL
M+S MARKED


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
18	55	215/55 R18	95H	OPA20B	LHD	7.9	694	223	321	234	2117	7.0	6.0 - 7.5	C	C	69	B	-


OPEN COUNTRY
OPA21 - TOYOTA LAND CRUISER
M+S MARKED


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	70	P245/70 R17	108S	OPA21	R/LHD	9.7	774	246	349	268	2361	7.0	6.5 - 8.0	C	D	70	B	-


OPEN COUNTRY
OPA28 - MITSUBISHI L200 / TRITON / FIAT FULL BACK
M+S MARKED


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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	65	245/65 R17	111S	OPA28	TL	9.0	752	242	341	264	2294	7.0	6.0 - 8.0	C	C	71	B	-


ISUZU

LEXUS

NISSAN
TOYOTA



ORIGINAL EQUIPMENT PATTERN OVERVIEW



OPEN COUNTRY

OPA32 - MITSUBISHI PAJERO SPORTS (FOR UK MARKET)

M+S MARKED



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								

18

60

265/60 R18

110H

OPA32

R/LHD

8.3

775

272

353

296

2364

8.0

-

C

E

72

B

-



OPEN COUNTRY

OPA33A / B - ISUZU D-MAX

M+S MARKED

ISUZU

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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								

18

60

255/60 R18

108S

OPA33B

LHD

8.5

763

260

348

283

2327

7.5

7.0 - 9.0

C

D

70

B

-

255/60 R18

108S

OPA33A

RHD

8.5

763

260

348

283

2327

7.5

7.0 - 9.0

C

D

71

B

-



PROXES

PXSPQ - MAZDA CX-60 (NEW)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								

20

50

235/50 R20

100W

PXSPQ

LHD

-

-

-

-

-

-

-

-

-

B

B

70

B

-

235/50 R20

100W

PXSPQ

RHD

-

-

-

-

-

-

-

-

B

B

70

B

-



PROXES

PXR30 / A - TOYOTA PRIUS (2015) / TOYOTA PRIUS (2009)

TOYOTA

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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								

17

45

215/45 R17

87W

PXR30

LHD

7.5

629

218

293

238

1918

7.0

7.0 - 8.0

D

C

68

A

•

215/45 R17

87W

PXR30A

RHD

7.5

629

218

293

238

1918

7.0

7.0 - 8.0

D

C

68

A

•



PROXES

PXR31A / C - MAZDA 2 (2007 ONWARDS)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							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

6.0 - 7.5

D

C

68

A

•

195/45 R16

80W

PXR31A

RHD

7.7

583

201

272

219

1778

6.5

6.0 - 7.5

D

C

68

A

•



PROXES

PXR32 C / D - MAZDA 3



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								

17

50

205/50 R17

89W

PXR32C

RHD

7.7/7.4

637

216

296

235

1943

6.5

5.5 - 7.5

D

C

70

B

•

205/50 R17

89W

PXR32D

LHD

7.7/7.4

637

216

296

235

1943

6.5

5.5 - 7.5

D

C

70

B

•

ORIGINAL EQUIPMENT PATTERN OVERVIEW



PROXES

PXR36B - MAZDA CX-5



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
19	55	225/55R19	99V	PXR36B	LHD	7.8	734	228	339	249	2239	7.0	6.0 - 8.0	C	C	69	B	-



PROXES

PXR39 / A - MAZDA 2 (2014 - 2020)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	60	185/60 R16	86H	PXR39	LHD	7.4	628	189	290	206	1915	5.5	5.0 - 6.5	B	B	69	B	-
		185/60 R16	86H	PXR39A	RHD	7.4	628	189	290	206	1915	5.5	5.0 - 6.5	B	B	69	B	-



PROXES

PXR40 / A - MAZDA CX-3 (2015)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
18	50	215/50 R18	92V	PXR40	LHD	7.7	673	226	313	246	2053	7.0	6.0 - 7.5	C	C	69	B	-
		215/50 R18	92V	PXR40A	RHD	7.7	673	226	313	246	2053	7.0	6.0 - 7.5	C	C	69	B	-



PROXES

PXR46 / A - MAZDA CX-5 (2017) / TOYOTA RAV4 (2017)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
19	55	225/55 R19	99V	PXR46	LHD	8.0	731	233	338	254	2230	7.0	6.0 - 8.0	C	C	70	B	-
		225/55 R19	99V	PXR46A	RHD	8.0	731	233	338	254	2230	7.0	6.0 - 8.0	C	C	70	B	-



PROXES

PXR51A - MAZDA 3 (2018)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
18	45	215/45 R18	89W	PXR51A	LHD	8.0	651	213	304	232	1986	7.0	7.0 - 8.0	C	C	69	B	•
		215/45 R18	89W	PXR51A	RHD	8.0	651	213	304	232	1986	7.0	7.0 - 8.0	C	C	69	B	•



PROXES

PXR52 / A - MAZDA CX-3 (2018)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
18	50	215/50 R18	92V	PXR52	LHD	7.7	673	226	313	246	2053	7.0	6.0 - 7.5	D	C	67	A	-
		215/50 R18	92V	PXR52A	RHD	7.7	673	226	313	246	2053	7.0	6.0 - 7.5	D	C	67	A	-



PROXES

PXR54 / A - MAZDA 6 (2018-)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	55	225/55 R17	97V	PXR54	LHD	7.3	680	233	313	254	2074	7.0	6.0 - 8.0	D	C	69	B	-
		225/55 R17	97V	PXR54A	RHD	7.3	680	233	313	254	2074	7.0	6.0 - 8.0	D	C	69	B	-



ISUZU



LEXUS



NISSAN

TOYOTA



ORIGINAL EQUIPMENT PATTERN OVERVIEW



PROXES

PXR55 / A - MAZDA 2 (2019)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	60	185/60 R16	86H	PXR55A	LHD	6.8	628	189	290	206	1915	5.5	5.0 - 6.5	B	B	69	2	-
		185/60 R16	86H	PXR55	RHD	6.8	628	189	290	206	1915	5.5	5.0 - 6.5	B	B	69	2	-



PROXES

PXR56 / A - MAZDA CX-30 (2019)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
18	55	215/55 R18	95H	PXR56	RHD	7.5	693	226	321	246	2114	7.0	6.0 - 7.5	C	B	67	A	-
		215/55 R18	95H	PXR56	LHD	7.5	693	226	321	246	2114	7.0	6.0 - 7.5	C	B	67	A	-



PROXES

PXTSB - MAZDA 6



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	55	225/55 R17	97V	PXTSB	LHD	7.8	680	235	313	256	2074	7.0	6.0 - 8.0	C	C	71	B	-



PROXES

PXTSC - MAZDA 6



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
17	55	225/55 R17	97V	PXTSC	TL	7.8	680	235	313	256	2074	7	6.0 - 8.0	C	C	71	B	-



TRANPATH

TAA11 / B - LEXUS RX300 / TOYOTA RAV4

M+S MARKED



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	70	215/70 R16	100T	TAA11B	LHD	7.7	704	220	319	240	2147	6.5	5.5 - 7.0	D	D	71	B	-
	60	235/60 R16	100H	TAA11	LHD	7.8	686	237	312	258	2092	7.0	6.5 - 8.5	D	D	70	B	-



TRANPATH

TAA14A - TOYOTA RAV4

M+S MARKED



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	70	215/70 R16	99H	TAA14A	LHD	7.7	704	226	319	246	2147	6.5	5.5 - 7.0	D	C	70	B	-
		215/70 R16	99H	TAA14A	RHD	7.7	704	226	319	246	2147	6.5	5.5 - 7.0	D	C	70	B	-



PROXES

PXSPQ - MAZDA CX-60



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
20	50	235/50 R20	100W	PXSPQ	RHD	8.0	744	245	290	267	2269	7.5	6.5 - 8.5	B	B	70	B	-
		235/50 R20	100W	PXSPQ	LHD	8.0	744	245	290	267	2269	7.5	6.5 - 8.5	B	B	70	B	-



ISUZU





ORIGINAL EQUIPMENT PATTERN OVERVIEW



TRANPATH

TAA14 - NISSAN X-TRAIL (6/2001-) (12/2003-)

M+S MARKED



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	70	215/70 R15	98H	TAA14	RHD	7.7	683	220	301	240	2083	6.5	5.5 - 7.0	C	D	71	B	-
		215/70 R15	98H	TAA14	LHD	7.7	683	220	301	240	2083	6.5	5.5 - 7.0	C	D	71	B	-



TRANPATH

TAR23 - MAZDA PREMACY



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	55	195/55 R15	85V	TAR23	L/RHD	8	598	195	275	213	1824	6.0	5.5 - 7.0	D	C	69	B	-



TOYO

TYJ48 A / J - MAZDA 3, MAZDA 6 (2010-)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
16	55	205/55 R16	91V	TYJ48J	LHD	7.9	630	213	290	232	1922	6.5	5.0 - 7.5	D	C	68	A	-
17	55	215/55 R17	94V	TYJ48A	LHD	-	-	-	-	-	-	-	5.0 - 7.5	C	C	68	A	-



TOYO

TYJ50A - NISSAN CUBE



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	60	195/60 R15	88H	TYJ50A	LHD	7.7	612	198	281	216	1867	6.0	5.5 - 7.0	D	C	68	A	-
		195/60 R15	88H	TYJ50A	RHD	7.7	612	198	281	216	1867	6.0	5.5 - 7.0	E	C	68	A	-
16	55	195/55 R16	87V	TYJ50A	LHD	7.7	619	197	286	215	1888	6.0	5.5 - 7.0	D	C	68	A	-
		195/55 R16	87V	TYJ50A	RHD	7.7	619	197	286	215	1888	6.0	5.5 - 7.0	D	C	68	A	-



TOYO

TYR27A / F / E - MAZDA 2 (2017- OLD MODEL)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
15	55	185/55 R15	82V	TYR27F	LHD	8	585	195	270	213	1784	6.0	5.0 - 6.5	C	D	69	B	-
		185/55 R15	82V	TYR27A	RHD	8	585	195	270	213	1784	6.0	5.0 - 6.5	D	C	68	B	-
		185/55 R15	82V	TYR27E	LHD	8	585	195	270	213	1784	6.0	5.0 - 6.5	D	C	68	B	-



TOYO

TYR37 - MITSUBISHI OUTLANDER (2012-)



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)	RRC	Wet	Noise db	ABC Noise	Rim Protector
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)								
18	55	225/55 R18	98H	TYR37	L/RHD	8.1	701	235	323.682	256	2138	7.0	6.0 - 8.0	D	C	69	B	-



ISUZU



LEXUS



NISSAN

TOYOTA



ISUZU



LEXUS





DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
13	80	145/80 R13	75T	CSAS2	TYCS	VRV2+	PXSP2	PXCM	PXTR1	PXSPA	PXSP	PXCF2	NE03	OB944	S954	S943	OBGS6	OBIFA	OBG3S	PXSPS	PXST3	PXCF2S	OPUT	OPAT+	OPMT	OPA3G	OB944S	S954S	OBGS6S	OBIFSA	OBGS3S	OBIV	CSCV	NEVA	OBVA	PXR88R
		155/80 R13	79T																																	
	70	155/70 R13	75T																																	
		165/70 R13	79T																																	
		165/70 R13C	88/86R																																	
	65	175/70 R13	82T																																	
		155/65 R13	73T																																	
	60	165/65 R13	77T																																	
		185/60 R13	80V																																	
	45	205/60 R13	86V																																	
		225/45 R13	84V																																	
14	75	165/75 R14C	97/95R																																	
		185/75 R14C	102/100S																																	
		195/75 R14C	106/104S																																	
	70	165/70 R14	81T																																	
		165/70 R14	85T XL																																	
		165/70 R14C	89/87R																																	
		175/70 R14	84H																																	
		175/70 R14	84T																																	
		175/70 R14	88T XL																																	
		175/70 R14C	95/93T																																	
		185/70 R14	88H																																	
		185/70 R14	88T																																	
		195/70 R14	91H																																	
		195/70 R14	91T																																	
	65	155/65 R14	75T																																	
		165/65 R14	79T																																	
		175/65 R14	82H																																	
		175/65 R14	82T																																	
		175/65 R14	86T																																	
		175/65 R14	86T XL																																	
		175/65 R14C	90/88T																																	
		185/65 R14	86H																																	
	60	185/65 R14	86T																																	
		165/60 R14	75H																																	
		165/60 R14	75T																																	
		185/60 R14	82H																																	
		185/60 R14	82T																																	
	45	185/60 R14	82V																																	
		195/45 R14	77V																																	
		225/40 R14	82V																																	
		175 R14C	99/98S																																	
		185 R14C	102/100S																																	
	40	195 R14C	106/104S																																	
		195 R14C	110/108S																																	
		205 R14C	109/107S																																	
		215 R14C	112/110S																																	



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/S/I	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R	
15		80	195/80 R15	96S																							•											
	75	215/75 R15	100T																								•											
		225/75 R15	102T																								•											
		225/75 R15C	110/108Q																																•			
		235/75 R15	105H																																			
		235/75 R15	109T																								•											
	70	195/70 R15	97T			•																						•										
		195/70 R15C	104/102S																															•	•	•		
		195/70 R15C	104R																														•					
		205/70 R15	100T XL																•													•						
		205/70 R15	96H																•															•	•			
		205/70 R15C	106/104S																																•	•		
		205/70 R15C	106/104T																														•					
		215/70 R15	98H																•																			
		215/70 R15	98T																•																			
		215/70 R15C	109/107S																																•	•	•	
		215/70 R15C	109R																														•					
		225/70 R15C	112/110S																															•	•	•		
		225/70 R15C	112R																														•					
		255/70 R15	108T																									•										
		265/70 R15	112T																									•				•						
	65	145/65 R15	72T		•										•																							
		165/65 R15	81H															•																				
		165/65 R15	81T		•										•																							
		175/65 R15	84H		•														•																			
		175/65 R15	84T												•						•																	
		175/65 R15	88H XL						•																													
		175/65 R15	88T XL													•																						
		185/60 R15C	94/92T																															•				
		185/65 R15	88H		•														•																•			
		185/65 R15	88T																	•																		
		185/65 R15	92H XL						•							•																						
		185/65 R15	92T XL												•																							
		185/65 R15	92V XL	•																																		
		195/65 R15	91H	•												•			•																			
		195/65 R15	91T												•				•																			
		195/65 R15	91V						•																													
		195/65 R15	95T XL												•	•																						
		195/65 R15	95V XL		•																																	
		205/65 R15	94H																•	•																		
		205/65 R15	94T																•		•																	
		205/65 R15	94V		•																																	
		205/65 R15	99T XL																•																			
		205/65 R15C	102/100T																																		•	•
		215/65 R15	96H																•																		•	•
		215/65 R15C	104/102T																																•	•	•	
60		155/60 R15	74T		•												•																					



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
15	60	165/60 R15	77H	•								•				•																				
		175/60 R15	81H													•																				
		175/60 R15	81V									•																								
		185/60 R15	84H														•																			
		185/60 R15	84T	•									•					•																		
		185/60 R15	88H XL					•						•																						
		185/60 R15	88V XL	•																																
		195/60 R15	88H		•											•	•																			
		195/60 R15	88T																•																	
		195/60 R15	88V					•	•																											
		205/60 R15	95H XL													•																				
		215/60 R15	98H XL													•																				
		225/60 R15	96H													•																				
	55	175/55 R15	77T	•	•								•			•																				
		185/55 R15	82H	•				•						•			•																			
		185/55 R15	82T																•																	
		185/55 R15	82V						•																											
		195/55 R15	85H		•																															
		195/55 R15	85T																•																	
		195/55 R15	85V						•																											
		195/55 R15	89H XL					•						•																						
		195/55 R15	89V XL	•																																•
		165/50 R15	76V						•																											
	50	195/50 R15	82H	•				•																												
		195/50 R15	82T																•																	
		195/50 R15	82V						•																											•
		205/50 R15	89V						•																											
		205/50 ZR15	89W XL																																•	
		225/50 R15	91V						•																											•
		225/50 ZR15	91W																																	•
		235/50 ZR15	94W																																	•
	45	195/45 R15	78V						•																											
		205/45 R15	81V						•																											
		215/45 R15	85V						•																											
		225/45 ZR15	91W XL																																	•
	85	185 R15C	103/102R																															•		
		195 R15C	106/104S																															•		
		30X9.50 R15	104Q																						•											
		30X9.50R15	104S																						•											
		31X10.50 R15	109P																							•										
		31X10.50R15	109S																							•										
		33X10.50 R15	114P																							•										
		33X12,50 R15	108P																							•										
		33X13.50 R15	109P																							•										
		LT215/85 R16	115/112S																					•												
16	85	LT235/85 R16	120P																						•											



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
16					CSAS2	TYCS	VRV2+	PXSP2	PXCM	PXTR1	PXSPA	PXSP	PXCF2	NE03	OB944	S954	S943	OBGS6	OBIFA	OBG3S	PXSPS	PXST3	PXCF2S	OPUT	OPAT+	OPMT	OPA3G	OB944S	S954S	OBGS6S	OBIFA	OBGS3S	OBIV	CSCV	NEVA	OBVA	PXR88R
	85	LT235/85 R16	120/116S																							•											
		LT255/85 R16	119P																								•										
	80	175/80 R16	91S																							•											
		75	175/75 R16C	101/99S																																•	•
	185/75 R16C		104/102R																															•			
	185/75 R16C		104/102S																															•			
	185/75 R16C		104R																															•			
	195/75 R16C		107/105T																																•		
	195/75 R16C		107R																															•			
	195/75 R16C		110/108R																																•	•	
	195/75 R16C		110/108T																															•			
	205/75 R16C		113/111R																															•	•	•	
	205/75 R16C		113R																															•			
	215/75 R16C		113R																															•			
	215/75 R16C		116/114R																																•	•	
	215/75 R16C		116/114T																															•			
	225/75 R16		104H																												•						
	225/75 R16		104T																								•										
	225/75 R16C		121/120R																																•	•	
	225/75 R16C		121/120T																																•		
	225/75 R16C		121R																																•		
	235/75 R16		108T																																•		
	245/75 R16		111H																													•					
	245/75 R16		111S																							•											
	265/75 R16		116H																													•					
	265/75 R16		116T																								•										
	LT225/75 R16		115P																									•									
	LT225/75 R16		115S																								•										
	LT225/75 R16		115/112S																									•									
	LT245/75 R16		120P																										•								
	LT245/75 R16		120Q																															•			
	LT245/75 R16		120S																								•										
	LT245/75 R16		120/116S																								•										
	LT265/75 R16		119P																									•									
	LT265/75 R16		119/116S																								•										
	LT285/75 R16		115P																									•									
	LT285/75 R16		116/113S																								•										
	LT315/75 R16	115P																									•										
	70	205/70 R16	97H															•																			
		215/70 R16	100H																							•											
		215/70 R16	100T																									•									
		215/70 R16	100V							•																											
		215/70 R16	104H XL																										•								
		215/70 R16C	108/106T																																•		
		225/70 R16	103H																							•											
		225/70 R16	107T XL																														•				
235/70 R16		106H																							•												



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R	
16	70	235/70 R16	106T		CSAS2	TYCS	VRV2+	PXSP2	PXCM	PXTR1	PXSPA	PXSP	PXCF2	NE03	OB944	S954	S943	OBGS6	OBIFA	OBG3S	PXSPS	PXST3	PXCF2S	OPUT	OPAT+	OPMT	OPA3G	OB944S	S954S	OBGS6S	OBIFSA	OBGS3S	OBIV	CSCV	NEVA	OBVA	PXR88R	
		245/70 R16	111H XL																					•			•					•						
		245/70 R16	111T																								•											
		245/70 R16	111T XL																												•							
		255/70 R16	111H																					•														
		255/70 R16	111T																								•					•						
		265/70 R16	112H																					•						•								
		265/70 R16	112T																								•				•							
		275/70 R16	114H																						•													
		275/70 R16	114T																								•					•						
		LT305/70 R16	118P																								•											
	65	195/65 R16C	104/102T																•															•	•	•		
		205/65 R16	95H																•																			
		205/65 R16	95T																	•																		
		205/65 R16	95V													•																						
		205/65 R16	95W					•																														
		205/65 R16C	107/105T							•																									•	•	•	
		205/65 R16C	107R																														•					
		215/65 R16	102H XL																										•									
		215/65 R16	102V																				•															
		215/65 R16	102V XL	•					•																•													
		215/65 R16	98H		•																				•	•					•							
		215/65 R16	98T																	•						•						•						
		215/65 R16C	109/107T																															•	•	•		
		215/65 R16C	109R																														•					
		225/65 R16	100H																												•							
		225/65 R16C	112/110T																																•	•	•	
		225/65 R16C	112R																														•					
		235/65 R16C	115/113S																																	•	•	
		235/65 R16C	115/113T																																•			
		235/65 R16C	121/119R																															•				
		235/65 R16C	121/119S																																	•	•	
		235/65 R16C	121R																															•				
		255/65 R16	109H																						•	•												
		255/65 R16	109T																														•					
	60	175/60 R16	82H															•																				
		175/60 R16	86H XL	•																																		
		185/60 R16	86H			•			•				•						•																			
		195/60 R16	89H						•											•																		
		195/60 R16	93H XL															•																				
		195/60 R16	93V XL	•																																		
		195/60 R16C	99/97H																															•	•	•		
		205/60 R16	92H																	•																		
		205/60 R16	92T																		•																	
		205/60 R16	96H XL														•																					
		205/60 R16	96V XL	•					•																													
		205/60 R16C	100/98T																																			•



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	CSAS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
16	60	215/60 R16	95H														•		•																	
		215/60 R16	95T															•																		
		215/60 R16	99H XL											•																						
		215/60 R16	99V XL	•				•																												
		215/60 R16C	103/101T																													•	•	•		
		225/60 R16	102H XL													•																				
		225/60 R16	98H														•																			
		225/60 R16C	111/109T																														•	•		
		235/60 R16	100H																				•	•					•							
		235/60 R16	104H XL														•																			
		235/60 R16	104V																	•																
	55	185/55 R16	83H														•																			
		185/55 R16	83V		•				•																											
		185/55 R16	87H XL													•																				
		185/55 R16	87T XL																•																	
		185/55 R16	87V XL	•				•																												
		195/55 R16	87H														•																			
		195/55 R16	87T															•																		
		195/55 R16	91H XL											•																						
		195/55 R16	91V						•																											
		195/55 R16	91V XL	•				•																												
		205/55 R16	91H	•				•						•																						
		205/55 R16	91T															•																		
		205/55 R16	91V					•																												
		205/55 R16	91W						•																											
		205/55 R16	94H XL					•									•																			
		205/55 R16	94V XL	•				•						•																						
		205/55 ZR16	94W																																	•
		215/55 R16	93T																•																	
		215/55 R16	93V	•																																
		215/55 R16	93W						•																											
		215/55 R16	97H XL											•			•																			
		215/55 R16	97V		•																															
		215/55 R16	97W XL					•																												
		225/55 R16	95H												•																					
		225/55 R16	95T																•																	
		225/55 R16	99V		•																															
		225/55 R16	99V XL											•																						
		225/55 R16	99W						•																											
		225/55 R16	99W XL	•				•																												
	50	185/50 R16	81H		•							•		•	•		•																			
		195/50 R16	84H														•																			
		195/50 R16	84V						•																											
		195/50 R16	88H												•																					
		195/50 R16	88H XL											•																						
		195/50 R16	88V XL					•																												
		195/50 ZR16	84W																																	•



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R	
16	50	205/50 R16	87W		CSAS2	TYCS				•																												
		205/50 R16	91H XL														•																					
		205/50 ZR16	87W																																			•
		225/50 R16	92H														•																					
		255/50 ZR16	99W																																			•
	45	195/45 R16	84H																																			
		195/45 R16	84H XL													•																						
		195/45 R16	84T XL																		•																	
		195/45 R16	84V XL	•					•																													
		195/45 R16	84W							•																												
		205/45 R16	83H		•																																	
		205/45 R16	87H XL														•																					
		205/45 R16	87W								•																											
		205/45 R16	87W XL							•																												
		205/45 ZR16	87W XL																																			•
		215/45 R16	90H XL													•	•																					
		215/45 R16	90V XL	•						•																												
		225/45 R16	93W								•																											
		225/45 ZR16	93W XL																																			•
		245/45 R16	94W								•																											
		245/45 ZR16	94W																																			•
	40	215/40 R16	86H XL													•																						
	35	215/40 R16	86W							•																												
		245/35 R16	86W							•																												
		205 R16C	110T																									•										
17	75	245/75 R17	112S																					•														
		LT245/75 R17	121/118S																						•													
	70	215/70 R17	101H																												•							
		245/70 R17	110H																						•						•							
		245/70 R17	110T																									•					•					
		255/70 R16	111H																											•								
		265/70 R17	115H																						•					•								
		265/70 R17	115T																								•											
		LT265/70 R17	120P																							•												
		LT265/70 R17	121/118S																							•												
		LT285/70 R17	115P																							•												
		LT285/70 R17	121/118S																						•													
	LT295/70 R17	120P																							•													
	P285/70 R17	117H																												•								
	65	215/65 R17	103T XL																	•												•						
		215/65 R17	103V XL																									•										
		215/65 R17	99H																												•							
215/65 R17		99V		•					•												•										•							
225/65 R17		102H		•																			•			•				•								
225/65 R17		106H XL																									•											
225/65 R17		106T XL																	•												•							



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R		
17	65	225/65 R17	106V																		•																	
		225/65 R17	106V XL	•				•																														
		235/65 R17	104H																					•					•	•								
		235/65 R17	108H																							•												
		235/65 R17	108T XL																•											•								
		235/65 R17	108V																			•																
		235/65 R17	108V XL		•																			•					•									
		235/65 R17	108W																		•																	
		235/65 R17	108W XL	•																																		
		245/65 R17	107H																												•							
		245/65 R17	107T																														•					
		245/65 R17	111H																								•						•					
		245/65 R17	111H XL																					•														
		255/65 R17	110H																						•													
		255/65 R17	114H																									•										
		255/65 R17	114H XL																										•	•	•							
		255/65 R17	114T XL																											•								
		265/65 R17	112H																						•					•								
		265/65 R17	112V																			•																
		265/65 R17	116H XL																										•									
		265/65 R17	116T XL																											•								
		275/65 R17	115H																						•													
		275/65 R17	119T XL																														•					
		LT265/65 R17	115P																								•											
	60	195/60 R17	90H															•																				
		215/60 R17	100T XL																•												•							
		215/60 R17	100V																		•																	
		215/60 R17	100V XL	•					•																			•										
		215/60 R17	96H																								•			•								
		215/60 R17	96V		•																			•														
		215/60 R17C	109/107T																															•	•	•		
		215/60 R17C	109R																													•						
		225/60 R17	103T XL																•												•							
		225/60 R17	103V																		•																	
		225/60 R17	103V XL	•					•																			•										
		225/60 R17	99H																											•								
		225/60 R17	99V		•																				•													
		235/60 R17	102H																					•						•								
		235/60 R17	106H XL																									•										
		235/60 R17	106T XL																													•						
		235/60 R17C	117/115R																																•	•	•	
		235/60 R17C	117/115T																														•					
		235/60 R17C	117R																														•					
		255/60 R17	110H XL																									•										
		255/60 R17	110V																		•																	
		255/60 R17	110W																		•																	
		275/60 R17	110V																			•																



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
				CSAS2	TYCS	VRV2+	PXSP2	PXCM	PXTR1	PXSPA	PXSP	PXCF2	NEO3	OB944	S954	S943	OBGS6	OBIFA	OBG3S	PXSPS	PXST3	PXCF2S	OPUT	OPAT+	OPMT	OPA3G	OB944S	S954S	OBGS6S	OBIFSA	OBGS3S	OBIV	CSCV	NEVA	OBVA	PXR88R
17	60	285/60 R17	116H																				•													
		205/55 R17	95V						•																											
		205/55 R17	95V XL	•	•			•						•																						
		205/55 R17	95W XL	•																																
		215/55 R17	94V						•														•													
		215/55 R17	98H XL														•																			
		215/55 R17	98T XL															•																		
		215/55 R17	98V XL		•									•																						
		215/55 R17	98W XL	•				•																												
		215/55 ZR17	98Y XL								•																									
		225/55 R17	101T XL															•																		
		225/55 R17	101V XL											•																						
		225/55 R17	101W XL	•				•																												
	55	225/55 R17	97H														•																			
		225/55 R17	97W						•																											
		225/55 R17C	109/107H																													•	•	•		
		225/55 ZR17	101Y XL							•																										
		235/55 R17	103T XL															•																		
		235/55 R17	103V		•																															
		235/55 R17	103V XL											•									•													
		235/55 R17	103W						•																											
		235/55 R17	103W XL	•																																
		235/55 R17	99H																										•							
		235/55 R17	99V					•																												
		235/55 ZR17	99Y							•																										
		275/55 R17	109V																	•																
	50	205/50 R17	89T																•																	
		205/50 R17	93H XL														•																			
		205/50 R17	93V XL											•																						
		205/50 R17	93W						•																											
		205/50 R17	93W XL	•				•																												
		205/50 R17	93Y XL	•																																
		205/50 ZR17	93Y XL							•																										
		205/50 ZR17	89W																																	•
		215/50 R17	91T															•																		
		215/50 R17	91W						•																											
		215/50 R17	95H XL														•																			
		215/50 R17	95V XL		•			•						•																						
		215/50 R17	95W XL	•																																
		215/50 ZR17	95W XL							•																										
		225/50 R17	94T															•																		
		225/50 R17	94V														•																			
		225/50 R17	94W						•																											
		225/50 R17	98V XL											•																						
		225/50 R17	98W XL					•																												



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	S954	S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	S954S	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
17	50	225/50 R17	98Y XL	•																																
		225/50 ZR17	98Y XL		•					•																										
		235/50 R17	100V			•																														
		235/50 R17	96V												•																					
		235/50 R17	96W					•																												
		235/50 ZR17	96Y								•																									
	45	195/45 R17	85W						•																											
		205/45 R17	88H XL											•																						
		205/45 R17	88V XL					•																												
		205/45 R17	88W XL	•																																
		205/45 ZR17	88Y XL								•																									
		205/45 ZR17	88W																																	•
		215/45 R17	91H XL											•			•																			
		215/45 R17	91W						•																											
		215/45 R17	91W XL	•																																
		215/45 ZR17	91W XL								•																									
		215/45 ZR17	91W																																	•
		225/45 R17	91T															•																		
		225/45 R17	94H XL														•																			
		225/45 R17	94V XL					•						•																						
		225/45 R17	94W						•																											
		225/45 R17	94W XL	•																																
		225/45 R17	94Y						•																											
		225/45 ZR17	94Y XL							•																										
		235/45 R17	94V									•																								
		235/45 R17	97H XL														•																			
		235/45 R17	97V XL												•																					
		235/45 R17	97W						•																											
		235/45 R17	97Y XL	•																																
		235/45 ZR17	97Y XL							•																										
		235/45 ZR17	94W																																	•
		245/45 R17	99H XL														•																			
		245/45 R17	99T XL																•																	
		245/45 R17	99V												•																					
		245/45 R17	99W						•																											
		245/45 R17	99Y XL	•																																
		245/45 ZR17	99Y XL								•																									
		255/45 ZR17	98Y								•																									
	40	205/40 R17	84W						•																											
		205/40 ZR17	84W XL								•																									
		205/40 ZR17	84W XL																																	•
		215/40 R17	87V XL					•						•																						
		215/40 R17	87W						•																											
		235/40 ZR17	94Y XL								•																									
		235/40 ZR17	94W																																	•
		245/40 ZR17	95Y XL								•																									
		245/40 ZR17	95W XL																																	•



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
17	40	255/40 R17	98V TL																																	
		255/40 ZR17	98Y XL																																	
		255/40 ZR17	98W																																	
		275/40 ZR17	98W																																	
	35	245/35 R17	87W																																	
		35X12.50 R17	121P																																	
		40X1350 R17	121P																																	
18	70	255/70 R18	113H																																	
		255/70 R18	113S																																	
		255/70 R18	113T																																	
		265/70 R18	116H																																	
		LT275/70 R18	115P																																	
		LT275/70 R18	115/112S																																	
	65	235/65 R18	106H																																	
		235/65 R18	110T XL																																	
		235/65 R18	110W XL																																	
		255/65 R18	111H																																	
		265/65 R18	114H																																	
		275/65 R18	116H																																	
	60	LT275/65R18	113/110S																																	
		225/60 R18	100H																																	
		225/60 R18	100T																																	
		225/60 R18	104H XL																																	
		225/60 R18	104V XL																																	
		225/60 R18	104W XL																																	
		235/60 R18	107H																																	
		235/60 R18	107H XL																																	
		235/60 R18	107T XL																																	
		235/60 R18	107V																																	
		235/60 R18	107V XL																																	
		235/60 R18	107W XL																																	
		235/60 R18	107Y XL																																	
		245/60 R18	105H																																	
		245/60 R18	105V																																	
		255/60 R18	112H																																	
		255/60 R18	112H XL																																	
		255/60 R18	112T XL																																	
		255/60 R18	112V																																	
		255/60 R18	112V XL																																	
		265/60 R18	110H																																	
		265/60 R18	110V																																	
		265/60 R18	114H XL																																	
		265/60 R18	114T XL																																	
		265/60 R18	114V																																	
		285/60 R18	116H																																	
		285/60 R18	120T XL																																	



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R	
18	60	285/60 R18	120V		CSAS2	TYCS	VRV2+	PXSP2	PXCM	PXTR1	PXSPA	PXSP	PXCF2	NE03	OB944	S954	S943	OBGS6	OBIFA	OBG3S	PXSPS	PXST3	PXCF2S	OPUT	OPAT+	OPMT	OPA3G	OB944S	S954S	OBGS6S	OBIFSA	OBGS3S	OBIV	CSCV	NEVA	OBVA	PXR88R	
		215/55 R18	95H																			•								•								
		215/55 R18	99T XL																													•						
		215/55 R18	99V																					•														
		215/55 R18	99V XL	•					•																			•										
		225/55 R18	102T XL																•												•							
		225/55 R18	102V																				•															
		225/55 R18	102V XL	•																								•										
		225/55 R18	102W XL						•																													
		225/55 R18	98H																												•							
		225/55 R18	98V																					•														
		55	235/55 R18	100H																												•						
			235/55 R18	100V						•												•																
			235/55 R18	104H XL																			•								•							
			235/55 R18	104T XL																	•																	
			235/55 R18	104V XL	•																					•												
			255/55 R18	109H XL																							•			•	•							
			255/55 R18	109T XL																													•					
			255/55 R18	109V																				•														
			255/55 R18	109V XL																					•						•							
	255/55 R18		109W XL	•																																		
	255/55 R18		109Y																		•																	
	50		215/50 R18	92H																•																		
			215/50 R18	92T																	•																	
			215/50 R18	92V TL													•																					
			215/50 R18	92W	•					•																												
			225/50 R18	95T																	•																	
			225/50 R18	95W						•												•							•									
			225/50 R18	99V XL																•																		
			225/50 R18	99W XL	•																																	
			235/50 R18	101T XL																														•				
		235/50 R18	101V XL	•																										•								
		235/50 R18	101W							•																												
		235/50 R18	101W XL						•																													
	235/50 R18	101Y XL					•																															
	235/50 R18	97H																												•								
	235/50 ZR18	101Y XL									•																											
	245/50 R18	100T																		•																		
	245/50 R18	104V XL																•																				
	245/50 R18	104Y XL						•																														
	45	215/45 R18	93H XL																•																			
		215/45 R18	93V XL													•																						
		215/45 R18	93W							•																												
		215/45 R18	93Y XL					•																														
		225/45 R18	95T XL																	•																		
		225/45 R18	95V XL													•			•																			
		225/45 R18	95W							•																												

120 TECHNICAL / DIMENSIONS OVERVIEW



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
18	35	245/35 R18	92V XL	CSAS2	TYCS	VRV2+	PXSP2	PXCM	PXTR1	PXSPA	PXSP	PXCF2	NE03	OB944	S954	S943	OBGS6	OBIFA	OBG3S	PXSPS	PXST3	PXCF2S	OPUT	OPAT+	OPMT	OPA3G	OB944S	S954S	OBGS6S	OBIFA	OBGS3S	OBIV	CSCV	NEVA	OBVA	PXR88R
		245/35 R18	92Y XL				•								•																					
		255/35 R18	94W					•																												
		255/35 R18	94W XL												•																					
		255/35 R18	94Y XL				•																													
		255/35 ZR18	94Y XL																																	•
		265/35 R18	97W						•																											
		265/35 ZR18	(97Y) XL				•																													•
		265/35 ZR18	97Y																																	•
		275/35 ZR18	(99Y) XL								•																									•
		275/35 ZR18	95Y																																	•
		285/35 ZR18	(101Y) XL								•																									
	30	235/30 ZR18	85Y XL								•																									
		295/30 ZR18	98Y XL																																	•
	60	33X12.50 R18	118P																						•											
		35X12.50 R18	120P																						•											
	55	255/60 R19	109V																				•													
		255/60 R19	113H XL																										•							
		205/55 R19	97H XL																									•								
		205/55 R19	97V XL					•																												
		225/55 R19	99H																										•							
		225/55 R19	99T														•													•						
		225/55 R19	99V					•												•							•									
		235/55 R19	101H																	•									•							
		235/55 R19	101W																			•														
		235/55 R19	105H XL														•														•					
		235/55 R19	105V XL																									•								
		235/55 R19	105W XL	•																																
		235/55 R19	105Y XL				•																													
		245/55 R19	103H																											•						
		245/55 R19	103T																												•					
		245/55 R19	103V																			•														
		255/55 R19	111H																						•											
		255/55 R19	111H XL																										•							
		255/55 R19	111T XL															•													•					
		255/55 R19	111V																	•																
		255/55 R19	111Y																	•																
		265/55 R19	113H XL															•													•					
		265/55 R19	113V XL																											•						
		265/55 R19	113W XL																									•								
		275/55 R19	111W																	•																
19	50	195/50 R19	88V														•																			
		215/50 R19	93T	•										•																						
		235/50 R19	103H XL																											•						
		235/50 R19	103T XL																•																	
		235/50 R19	103V XL																										•							
	50	235/50 R19	103Y XL				•																													



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
19	50	235/50 R19	99W		CSAS2	TVCS			•												•																
		245/50 R19	105H XL																											•							
		245/50 R19	105T XL																	•																	
		245/50 R19	105V XL																										•								
		255/50 R19	107H XL																											•							
		255/50 R19	107T XL																	•											•						
		255/50 R19	107V																				•														
		255/50 R19	107V XL																										•								
		255/50 R19	107W XL	•																										•							
		255/50 R19	107Y XL					•																													
		265/50 R19	110H XL																												•						
		265/50 R19	110T XL																													•					
		265/50 R19	110Y																			•															
	45	225/45 R19	96H XL																•																		
		225/45 R19	96T XL																	•																	
		225/45 R19	96V XL																•																		
		225/45 R19	96W XL						•							•																					
		225/45 ZR19	(96Y) XL					•																													
		235/45 R19	95V																•																		
		235/45 R19	99V XL													•																					
		235/45 R19	99W XL						•																												
		245/45 R19	102 XL																•																		
		245/45 R19	102T XL																	•																	
		245/45 R19	102V XL																											•							
		245/45 R19	102Y XL						•																												
		255/45 R19	104T XL																		•																
		255/45 R19	104Y XL						•																												
		265/45 R19	105 XL																•																		
		275/45 R19	108Y																			•															
		285/45 R19	111Y																			•															
	40	225/40 R19	93T XL														•		•																		
		225/40 R19	93V XL													•			•																		
		225/40 R19	93W XL							•																											
		225/40 R19	93Y XL					•																													
		235/40 R19	96V XL																•																		
		235/40 R19	96W XL							•							•																				
		235/40 R19	96Y XL	•				•																													
		245/40 R19	98V XL																•																		
		245/40 R19	98W XL														•																				
		245/40 ZR19	(98Y) XL					•																													
		255/40 R19	100 XL																•																		
		255/40 R19	100T																		•																
		255/40 R19	100V XL														•																				
		255/40 R19	100Y XL	•				•																													
		265/40 ZR19	(102Y) XL										•																								
		275/40 R19	105T																		•																



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R	
19	40	275/40 ZR19	(105Y) XL		CSAS2	TYCS	VRV2+	PXSP2	PXCM	PXTR1	PXSPA	PXSP	PXCF2	NE03	OB944	S954	S943	OBGS6	OBIFA	OBG3S	PXSPS	PXST3	PXCF2S	OPUT	OPAT+	OPMT	OPA3G	OB944S	S954S	OBGS6S	OBIFA	OBGS3S	OBIV	CSCV	NEVA	OBVA	PXR88R	
		225/35 R19	88T XL										•							•																		
		225/35 R19	88W								•						•																					
		225/35 R19	88W XL														•																					
		225/35 ZR19	(88Y) XL					•																														
		235/35 R19	91H XL																•																			
		235/35 R19	91T XL																	•																		
		235/35 R19	91W								•																											
		235/35 R19	91W XL														•																					
		235/35 R19	91Y XL	•																																		
		235/35 ZR19	(91Y) XL					•																														
		235/35 ZR19	(91Y) XL						•																												•	
		245/35 R19	93H XL																•																			
		245/35 R19	93W								•																											
		245/35 ZR19	(93Y) XL						•																													
		255/35 R19	96V XL																	•																		
		255/35 R19	96W XL															•																				
		255/35 ZR19	(96Y) XL						•																													
		265/35 ZR19	(98Y) XL						•																													
		275/35 R19	100V XL															•																				
		275/35 ZR19	(100Y) XL							•																												
		275/35 ZR19	96Y																																			•
		285/35 ZR19	(103Y) XL							•																												•
		285/35 ZR19	99Y																																			•
		295/35 ZR19	(104Y) XL											•																								
	30	255/30 R19	91W XL														•																					
		255/30 ZR19	(91Y) XL						•																													
		265/30 ZR19	(93Y) XL											•																								
		265/30 ZR19	93Y XL																																		•	
		275/30 ZR19	(96Y) XL																																		•	
		285/30 ZR19	(98Y) XL																																			
		295/30 ZR19	(100Y) XL																																			
		295/30 ZR19	100Y XL																																		•	
		305/30 ZR19	(102Y) XL						•																													
		305/30 ZR19	(102Y) XL																																		•	
		325/30 ZR19	(105Y) XL											•																								
20	60	275/60 R20	115H																								•			•								
		275/60 R20	115T																					•							•							
		275/60 R20	115V																					•														
	55	195/55 R20	95H XL		•				•								•																					
		235/55 R20	102H																												•							
		235/55 R20	102W																			•																
		235/55 R20	105T XL																	•													•					
		235/55 R20	105V XL																											•								
		255/55 R20	110H XL																												•							
255/55 R20	110T XL																													•								



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	PXCF2S	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyota Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R	
20	55	255/55 R20	110Y		CSAS2	TYCS															•																	
		265/55 R20	113H XL																																			
		275/55 R20	117T XL																	•																		
		275/55 R20	117V																				•															
		275/55 R20	117V XL																						•													
	50	235/50 R20	104V XL																																			
		245/50 R20	102H																																			
		245/50 R20	102V																																			
		255/50 R20	109H XL																																			
		255/50 R20	109T XL																	•																		
		255/50 R20	109V																																			
		255/50 R20	109Y XL					•																														
		265/50 R20	107H																																			
		265/50 R20	107V																																			
		265/50 R20	111H XL																																			
		265/50 R20	111T XL																	•																		
		265/50 R20	111V																																			
		265/50 R20	111Y XL					•																														
		275/50 R20	109T																																			
		275/50 R20	113H XL																																			
		275/50 R20	113W																																			
		285/50 R20	112H																																			
		285/50 R20	116H XL																																			
		285/50 R20	116T XL																	•																		
		285/50 R20	116V																																			
		285/50 R20	116V XL																																			
		305/50 R20	120V																																			
	45	215/45 R20	95T XL		•																																	
		235/45 R20	100T XL																																			
		235/45 R20	100W XL																																			
		245/45 R20	103V XL																																			
		245/45 R20	103W XL		•																																	
		245/45 R20	103Y XL					•																														
		245/45 R20	99T																																			
		255/45 R20	105H XL																																			
		255/45 R20	105T XL																																			
		255/45 R20	105V XL																																			
		255/45 R20	105W XL		•																																	
		255/45 R20	105Y XL					•																														
		265/45 R20	108V																																			



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
20	45	285/45 R20	112V XL																																	
		285/45 R20	112W																																	
		295/45 R20	114V																																	
	40	225/40 R20	94V																																	
		245/40 R20	99T XL																																	
		245/40 R20	99W XL																																	
		245/40 R20	99Y XL	•																																
		245/40 ZR20	(99Y) XL				•																													
		255/40 R20	101W XL																																	
		255/40 R20	101Y XL	•																																
		255/40 ZR20	(101Y) XL																																	
		265/40 R20	104T																																	
		265/40 R20	104V XL																																	
		275/40 R20	106H XL																																	
		275/40 R20	106T XL																																	
		275/40 R20	106V XL																																	
		275/40 R20	106W																																	
		275/40 R20	106Y XL	•																																
		275/40 ZR20	(106Y) XL				•																													
		285/40 R20	108V																																	
		285/40 R20	108V XL																																	
		295/40 R20	110T XL																																	
		295/40 R20	110V																																	
		295/40 R20	110V XL																																	
		295/40 R20	110Y																																	
	35	225/35 ZR20	90Y XL																																	
		235/35 R20	92H XL																																	
		235/35 R20	92W																																	
		245/35 R20	95V XL																																	
		245/35 R20	95W																																	
		245/35 ZR20	(95Y) XL				•																													
		255/35 R20	97T																																	
		255/35 R20	97W XL																																	
		255/35 ZR20	(97Y) XL				•																													
		255/35 ZR20	93Y																																	
		265/35 ZR20	(99Y) XL				•																													
		275/35 R20	102T XL																																	
		275/35 ZR20	(102Y) XL																																	
		285/35 ZR20	(100Y)																																	
		285/35 ZR20	(100Y)																																	
		295/35 ZR20	(105Y) XL																																	
		315/35 R20	106T																																	
		315/35 R20	106V																																	
		315/35 R20	110V XL																																	
		315/35 R20	110W																																	



DIMENSIONS OVERVIEW

	INCH	ASPECT	DIMENSION	L/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe Gsi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
20		35	315/35 R20	110Y XL				•																													
	30	235/30 ZR20	(88Y) XL										•																								
		255/30 R20	92W XL														•																				
		255/30 ZR20	(92Y) XL										•																								
		265/30 R20	94W XL														•																				
		265/30 ZR20	(94Y) XL					•																													
		275/30 ZR20	(97Y) XL					•																													
		285/30 ZR20	(99Y) XL										•																								
		285/30 ZR20	95Y																																		•
		295/30 ZR20	(101Y) XL					•																													•
		315/30 ZR20	(101Y)																																		•
	25	285/25 ZR20	93Y XL										•																								
		295/25 ZR20	95Y										•																								
		305/25 ZR20	(97Y)										•																								
	21	50	33X12.50 R20	120P																						•											
35X12.50 R20			120P																						•												
37X13.50 R20			119P																							•											
275/50 R21			113S																						•												
45		275/50 R21	113T XL																•												•						
		275/50 R21	113V																			•															
		275/50 R21	113V XL																					•													
		265/45 R21	104Y																		•																
		265/45 R21	108T																												•						
		265/45 R21	108W																			•															
		275/45 R21	107V																												•						
40		275/45 R21	110T XL																•													•					
		275/45 R21	110Y																		•																
		255/40 R21	102Y																			•															
		265/40 R21	105V XL																										•								
	275/40 R21	107 XL															•																				
	275/40 R21	107Y																		•																	
	295/40 R21	111H XL																						•													
	295/40 R21	111T XL																	•												•						
	295/40 R21	111V XL																											•								
	295/40 R21	111Y XL					•																														
35	315/40 R21	111Y																		•																	
	275/35 R21	103V XL														•																					
	275/35 ZR21	103Y XL										•																									
	285/35 R21	105Y																		•																	
	295/35 R21	107T																													•						
	295/35 R21	107V XL																											•								
	295/35 R21	107Y																		•																	
	315/35 R21	111H XL																												•							



DIMENSIONS OVERVIEW

INCH	ASPECT	DIMENSION	LJ/SI	Celsius AS2	Celsius	VARIO-V2+	Proxes Sport 2	Proxes Comfort	Proxes TR1	Proxes Sport A	Proxes Sport	Proxes CF2	NanoEnergy 3	Observe S944	Snowprox S954	Snowprox S943	Observe GSi6	Observe Ice Freezer	Observe G3 Ice	Proxes Sport SUV	Proxes ST3	Proxes CF2 SUV	Open Country U/T	Open Country A/Tplus	Open Country M/T	Open Country A/T III	Observe S944S	Snowprox S954 SUV	Observe GSi6 LS	Observe Ice Freezer SUV	Observe G3 Ice SUV	Observe Ice Freezer Van	Toyo Celsius Cargo	Nanoenergy Van	Observe Van	Proxes R888R
21	30	315/30 ZR21	105Y XL								•																									
		325/30 R21	108V XL																								•									
		325/30 R21	108Y XL				•																													
22	50	275/50 R22	111H																				•													
		275/50 R22	111T																																	
		275/50 R22	115 XL													•																				
		275/50 R22	115V																	•																
		275/50 R22	115V																		•															
	45	265/45 R22	109V																		•															
		275/45 R22	112H XL																																	
		285/45 R22	114H XL																																	
		285/45 R22	114T XL															•																		
		285/45 R22	114V																																	
		285/45 R22	114V XL																				•													
		305/45 R22	118V																																	
	40	265/40 R22	106W																			•														
		275/40 R22	107T XL																																	
		275/40 R22	107V XL																																	
		275/40 R22	108W																																	
		275/40 R22	108Y																	•																
		295/40 R22	112Y																																	
		305/40 R22	114V																																	
	35	265/35 R22	102W																																	
		265/35 R22	102Y																																	
		275/35 R22	104Y																																	
		285/35 R22	106W																																	
		285/35 ZR22	106Y XL				•																													
	30	315/35 R22	111V																																	
		295/30 R22	103W																																	
		295/30 R22	103Y																																	
		335/25 R22	105W																																	
	25	33X12.50 R22	109P																						•											
23	35	285/35 ZR23	107Y																																	
24	40	285/40 R24	112V																																	
	35	285/35 R24	108W																																	
		305/35 R24	112W																																	
		37X13.50 R24	119P																																	



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. Always follow the recommendations of the vehicle manufacturer unless you have specific written advice from a tire maker.

A tire driven on with insufficient air pressure is a serious safety risk. The increased deformation of the casing leads to excessive heat build up which can result in sudden tire failure. Additionally wear will increase especially in the shoulder area of the tread necessitating premature removal.

Over inflated tires will have reduced road performance and inferior shock absorption. Additionally, wear will increase in the center of the tread leading to premature removal.

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

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	(Y)
Maximum Speed km/h	100	110	120	130	140	150	160	170	180	190	200	210	240	270	300	OVER 300

For applications outside the range of the Y speed symbol, the service conditions (including the actual speed capabilities, load capabilities and the relevant inflation pressure) for vehicle characteristics will be agreed between the vehicle and tire manufacturers when using ZR marked tires with a service description within brackets, for example "(95Y)".

All uses of Performance characteristics in this catalogue are displayed as a guide only, to allow comparison with other products of the same category. Their purpose is to help select the most appropriate tire. No guarantee of performance can be inferred from these characteristics.

All Toyo brand tires are subject to continuous development. While every effort is made to describe goods and services accurately in this publication, no warranty is given as to accuracy and no responsibility will be accepted for any error or omission. TOYO TIRES reserves the right to amend the specification of tires without notice.





TOYO TIRES

Toyo Tire Europe GmbH
Halskestrasse 3-5
47877 Willich
Germany

+49 (0) 2154 - 89 11 1 11
info@toyotires.eu
www.toyotires.eu



/ToyoTiresEurope



/ToyoTire



/ToyoTire

Dealer