# nokicin<sup>®</sup> TYRES

WINTER TIRES 2019

4 New Nokian WR Snowproof

14 Welcome to White Hell

22 Consumer promises

– More peace of mind

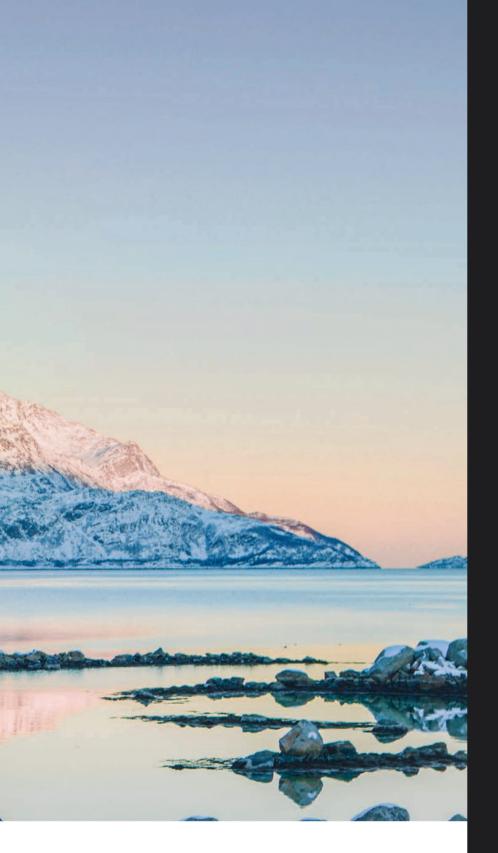


Whether you want to experience the adventure of a lifetime or just go to work, Nokian Tyres' unique Arctic expertise ensures your journey is safe and comfortable in all conditions. The premium quality, durability and eco-friendliness of our tires is based on careful research, systematic development and state-of-the-art testing.

So start planning for those winter adventures – or just prepare to enjoy your daily commute. With our products you'll have peace of mind for the journey ahead, be your destination a long or a short distance away.

### NEW-FOUND CONFIDENCE FOR WINTRY ROADS

This winter Nokian Tyres offers Central European drivers confidence and comfort in the form of a new premium winter tire. The new Nokian WR Snowproof provides first class grip and predictable and balanced driving experience in varying weather and in urban traffic, on speedy autobahns and scenic mountain roads alike.



# OVER 120 YEARS OF SCANDINAVIAN QUALITY

Nokian Tyres started its life already in 1898 when Suomen Gummitehdas Oy, i.e. Finnish Rubber Factory was founded. Living in the north, we have learned to adapt to all of winter's surprises, and over 80 years ago we developed the world's first winter tire for the rugged Scandinavian winters. Over the years, we have become the global leader in winter safety and sustainability. We have grown into a global brand that connects Arctic experience of making driving safe in rugged conditions to forerunner technologies and responsibility to create sustainable business.

### SUSTAINABLE SAFETY

As a Scandinavian company, taking care of people and the environment is in our very DNA. Nokian Tyres' products are not only state-of-the-art, but also produced in a sustainable way respecting the people who make them, the consumers who drive them as well as the planet we all live on.

We have set several specified sustainability goals for the year 2020, including reducing the rolling resistance of our tires by 7%, thereby creating a decrease of 500 million kg in CO2 emissions from traffic by 2020. This goal was met in 2017 well before the target time along with the goal to reduce CO2 emissions from production by 20%.

As an award of our efforts, we have been selected among the most sustainable companies in the world in the RobecoSAM Sustainability Yearbook 2019 with the Silver Class distinction.

# PEACE OF FOR WINTR

### **NOKIAN WR SNOWPROOF**

DESIGNED FOR PASSENGER CARS AND VARYING WINTER WEATHER

The Nokian WR Snowproof is a new high-tech winter tire crafted to offer state-of-the-art safety for varying winter journeys. Whether you drive in urban traffic, on speedy autobahns or scenic mountain roads, the new premium tire provides an exceptional combination of first class grip and predictable and balanced driving experience. In the Nokian WR Snowproof, Scandinavian quality and winter knowhow meets the high demands of the Central European driver.

- · First class grip on snowy, slushy, and wet roads
- Predictable and balanced driving experience
- Smooth rolling saves fuel and preserves the environment





"The Alpine Sense Grip concept allows the tire to adapt to weather variations, providing much-needed grip and control for the most extreme driving situations even before the car's electronic safety systems are activated."



### **ALPINE SENSE GRIP CONCEPT:**

### LIKE A SEAT BELT UNDER YOUR CAR

These days, unexpected changes in winter weather are common all across Europe. Drivers need excellent winter grip on snow, slush, and wet roads alike, sometimes even during one single trip.

The Nokian WR Snowproof winter tire offers a solution for unpredictable winter conditions with the Alpine Sense Grip concept. The innovation helps the tire to adapt to varying winter conditions and offers much-needed grip and control for the most extreme driving situations even before the car's electronic safety systems are activated. With the help of the Alpine Sense Grip concept the new Nokian WR Snowproof acts like a seat belt, maximizing safety at the extremes and offering reliability at the grip limits.

In the new Alpine Sense Grip concept, each tread block and sipe has a specific role which support safe and comfortable driving. Handling is balanced and the vehicle is easy to control even under surprising conditions. The unique Alpine Grip rubber compound ensures that the tire performs well across a wide temperature range from mild to cold winter conditions.

# FORGET THE FORECAST

Superior performance regardless of what the winter sky decides to throw at you. Nokian Tyres' premium winter tires have been designed to bring peace of mind in all forms of winter weather.

### **NOKIAN WR A4**

FOR HIGH-PERFORMANCE SPORTY CARS, RAPIDLY CHANGING WEATHER CONDITIONS

Nokian WR A4 is a premium winter tire for sporty cars combining high-performance handling and reliable winter grip. It offers balanced driving in rapidly changing weather conditions of the Central European winter. The Nokian WR A4 responds quickly and precisely to steering and maintains a comfortable noise level. The tire has extremely low rolling resistance, efficient fuel economy and low hazardous emissions.

- Advanced winter grip on dry, wet and snow-covered roads
- Functional Performance Siping
- Extremely stable and balanced high-speed performance
- Maximum comfort





Tested by TÜV SÜD Product Service GmbH in November-December 2017 by order of Nokian Tyres. Tyre Size: 225/40 R18 92V; Test Car: VW Golf VII; Test Locations: Papenburg (D), Wachauring (A), FAKT Motion(D), Ivalo (FI), Neubiberg (D); Report No. 713121097.

### **NOKIAN WR D4**

FOR MIDDLE-SIZED AND HIGH-POWERED CARS, WET AND SLUSHY CONDITIONS

Nokian WR D4 is a versatile winter tire designed for safe and balanced driving on wet and snowy roads alike. The Nokian Block Optimized Siping and the Nokian Twin Trac Silica innovations offer controlled handling, firm grip and superior fuel efficiency.

- Excellent grip on wet, dry and snow-covered roads
- Stable and balanced driving experience
- Effective slushplaning and aquaplaning prevention



\* Tested by TÜV SÜD Product Service GmbH in October 2016–January 2017 by order of Nokian Tyres. Tyre Size: 205/55 R16 91H; Test Car: VW Golf VII; Test Locations: Papenburg (D) Wachauring (A), Ivalo (FI) Garching (D), Neubiberg (D); Report No. 713091822-WR.

PROOF OF EXCELLENCE: TÜV SÜD



The Nokian WR Snowproof, the Nokian WR A4, the Nokian WR D4, the Nokian WR SUV 4 and the Nokian Weatherproof have been granted the TÜV Tire Performance Mark. This mark from the independent TÜV SÜD testing organization certifies the tires compare favorably with premium competitors in terms of quality and performance.

### **NOKIAN TYRES WINTER TIRE SURVEY:**

### DRIVERS VALUE GOOD GRIP ON SNOW AND IN SLUSH

When it comes to winter driving, safety on the road often depends on the safety of the tires. That's why selecting winter tires is smart: you will get tires that are tested and proved to work in winter conditions. And European drivers agree: according to our consumer survey, almost 60% of drivers in Central Europe said specialized winter tires are the most important car safety equipment in winter.

We also wanted to know what are the most important

winter tire characteristics for European drivers. According to our survey, the most valued quality is grip and handling in winter conditions with nearly 70% of respondents. The second most valued characteristic is safety in extreme situations like on a snowy road, with 47% of respondents agreeing. The wet European winters are also visible in the answers: the third most valued winter tire characteristic is grip on slushy roads, which is followed closely by grip on wet road.



### **NOKIAN WR SUV 4**

### RELIABLE CHOICE FOR SPORT UTILITY VEHICLES AND CROSSOVER MODELS

The Nokian WR SUV 4 is specially developed for Central European SUV drivers ensuring the best performance on snow, slush and in heavy rain. With Nokian WR SUV 4 the driving feel is controlled and predictable on slippery and bare roads alike, and the tire offers superb wet grip and precise handling during heavy rainfalls and on mud-strewn roads. The robust and durable structure combined with specially reinforced sidewalls ensure that the tyre is stable and can withstand all the impacts and cuts that may occur while driving.

- Excellent handling on wet, slushy and snowy roads
- Maximum stability and driving comfort
- Extreme durability

\* Tested by TÜV SÜD Product Service GmbH in February – May 2018 by order of Nokian Tyres. Tyre Size: 235/60 R18 107V; Test Car: Audi Q5 2.0 TDI, Audi A8 3.0 TDI; Test Locations: Papenburg (D), Wachauring (A), Ivalo (FIN), Garching (D), FAKT Motion (D); Report No. 713121973







### **CLIMATE GRIP CONCEPT:**

# FIRST-CLASS HANDLING IN ALL WINTER CONDITIONS

Heavy rain is becoming a more frequent feature of European winter. This increases the amount of the ever-dangerous slush on the roads, although driving on dry roads is also common. The Nokian WR SUV 4 provides exceptional combination of snow performance, handling properties on wet and dry as well as aquaplaning resistance thanks to the unique Climate Grip Concept.

Aimed to diminish the element of surprise, the new Climate Grip Concept consists of a unique siping system, winter rubber compound and a directional tread pattern. The directional tread pattern with computer-optimised sipes works optimally in varying winter weather. As well as adding to snow grip, this design improves the driving feel required for cornering and lane changes.

The new-generation rubber compound, developed for varying winter conditions and high speeds, provides excellent wet grip and wear resistance at all temperatures. This new compound together with the tread pattern also provides lower rolling resistance, which means less money spent on fuel.



### **NOKIAN WR SUV 3**

### A STURDY WINTER TIRE FOR SUVS

The high-performance winter tire for SUVs Nokian WR SUV 3 is at home in the varying European winter conditions. It is a sturdy, high-performance non-studded winter tire that remains logical and safe even at the grip limits. It rolls lightly and retains balance on and off road.

- Reliable handling on snow and dry surfaces
- Excellent grip on wet roads
- Stable driving feel



# TOUGH PERFORMANCE







### **NOKIAN WR C3**

### FOR VERSATILE USE ON DELIVERY VEHICLES AND VANS

The Nokian WR C3 tackles the extremes of winter with its precise grip and excellent wear resistance. This efficient roller is designed for versatile use on delivery vehicles and vans, and it drives safely, durably and lightly. In addition to the passenger car-like driving comfort and very low rolling resistance, the Nokian WR C3 optimizes the safety-enhancing handling properties on icy, snowy and wet roads.

- Maximum winter safety and comfort
- · Precise and stable handling
- Excellent durability, even with heavy loads

# BEYOND FOUR SEASONS

Nokian Tyres All-Weather range for passenger cars, SUVs and vans.

Nokian Weatherproof tires are designed for year-round use and they ensure first-class safety, high performance and durability in all types of driving conditions. The Nokian Weatherproof tires stand out from the usual all-season tires thanks to their excellent grip characteristics both in summer and winter. They combine Nokian Tyres' legendary winter safety with the precise driving stability and firm handling of our summer products.

All of the sizes have the Snowflake symbol (3PMSF), which indicates that the tires have been officially approved for winter use.



### **SNOWY ROADS**

Provides a strong grip and precise braking on snow.
Stays flexible at low temperatures.



### **WET ROADS**

Effectively prevents
slushplaning and aquaplaning
and stops instantly
on wet roads.



### DRY ROADS

Extreme stability and grip, even at high speeds on dry roads.



### DURABILITY ALL YEAR LONG

The tread compound works wonderfully along a wide range of temperatures.



### REDUCED FUEL CONSUMPTION

The Nokian Weatherproof tires reduce fuel consumption and CO2 emissions due to low rolling resistance.



### **NOKIAN WEATHERPROOF®**

### DESIGNED FOR PASSENGER CARS

Safe in the winter, precise in the summer. The versatile Nokian Weatherproof is a winter tire with excellent grip characteristics, and at the same time, it is a summer tire that rolls precisely in hot summer weather. The new-generation silica tread compound is tailored for varying conditions. Winter grip is excellent at temperatures near zero and slightly below it. During summertime, the tire allows for good wet grip and low rolling resistance, which reduces fuel consumption.

- Superior on snow, excellent grip even on wet roads
- Durable high performance throughout the year
- Extremely stable and comfortable driving behavior

Tested by TÜV SÜD Product Service GmbH in October 2016 – January 2017 by order of Nokian Tyres. Tire Size: 195/65 R15; Test Car: VW Golf VII; Test Locations: Papenburg (D), Wachauring (A), Ivalo (FI), Garching (D), Neubiberg (D); Report No. 713091822-AS.







### **NOKIAN WEATHERPROOF® SUV**

### DESIGNED FOR POWERFUL SUVS

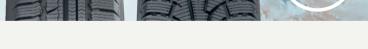
The comfortable and durable Nokian Weatherproof SUV offers excellent handling on snow, bare roads or even the ever treacherous slush. During summer the tire rolls precisely in hot summer weather and grips firmly on wet roads. The tread compound is tailored to endure high performance driving and heavier vehicles. The versatile tire is pleasantly silent and fuel efficient in every season. The sidewall rubber is reinforced with extremely durable aramid fiber, which allows the tire to better withstand surprising impacts and cuts from sharp edges or objects.

- Superior on snow, excellent grip even on wet roads
- Durable high performance throughout the year
- Extremely stable and comfortable driving behavior
- Aramid reinforced structure for unique durability









### **NOKIAN WEATHERPROOF® C**

### DESIGNED FOR DELIVERY VEHICLES AND LIGHTER VANS

The durable and comfortable All-Weather tire Nokian Weatherproof C manages its high wheel loads firmly and balanced. It is safe in the winter and handles precisely in the summer. It has different tread models for larger vehicles and lighter loads. The symmetrical, arrow-shaped tread pattern (Nokian Weatherproof C Cargo) for **delivery vehicles** guarantees good grip on wet and snowy surfaces. For **lighter vans**, the customized asymmetrical tread pattern (Nokian Weatherproof C Van) reduces risk of aquaplaning. The sidewall rubber of both models is reinforced with extremely durable aramid fiber, which allows the tire to better withstand surprising impacts and cuts from sharp edges or objects.

- Superior on snow, excellent grip even on wet roads
- Durable high performance throughout the year
- Extremely stable and comfortable driving behavior
- Cut-resistant sidewalls prevent puncturing



In the Arctic wilderness of Ivalo in Finnish Lapland, there lies a magical place. This place consists of over 700 hectares of lakes, forests – and tire test tracks. It is of course Nokian Tyres' winter testing center, which is also the world's largest and most diverse one. We call it White Hell.

White Hell is where we test our winter tires rigorously on snow, ice and slush. Nokian Tyres has more than a hundred kilometers of well-maintained test tracks in Ivalo. Authentic testing on ice and snow forms an essential part of R&D work because a tire's properties cannot be optimized only through computer modelling.

White Hell is bustling from November to May. In Ivalo, there are more than 200 days with freezing temperatures during this period. That is when we test more than 20,000 tires driving more than 40,000 test kilometers. Testing requires extreme professional competence, precision and thousands of repetitions. Our highly experienced R&D and testing teams and test drivers put tires to the test day and night.

All this testing has one clear goal: to separate the best and the safest tires out of the good ones to ultimately become part of Nokian Tyres' premium tire range. Our logic is simple: if a tire works in the world's most demanding conditions, it will work everywhere.

### NOKIAN TYRES IS THE FIRST AND THE ONLY TIRE MANUFACTURER TO TEST ON SLUSH

Research shows that slush is one of the most dangerous and feared elements of winter. The combination of melting snow, the water cushion at the road surface, and potential ice is dangerous even for an expert driver. As the first tire manufacturer in the world, Nokian Tyres started testing on slush already in 2005. The unique slushplaning testing method in real testing conditions available on the Nokia test track allowed for the long-term development of the slush characteristics. To this day, Nokian Tyres remains the only tire manufacturer to test their tires on real slush.

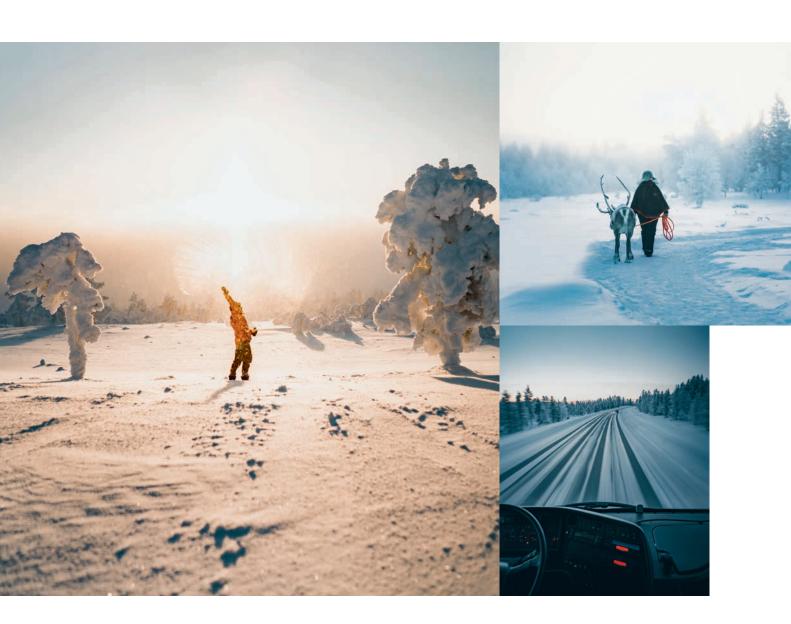
FALLING IN LOVE WITH WHITE HELL

# KAI GROSSMANN'S BREATHTAKING **PHOTOGRAPHY** FROM THE EDGE OF THE WORLD

Kai Grossmann is a professional photographer and instagrammer from Switzerland. We invited him to experience the beauty of the world where we test our tires. In Lapland, Kai fell in love with the aurora borealis, the cold but beautiful nature and the Scandinavian way of life that includes deep respect for the environment.

"Knowing that with my choices I can care for both the environment and the people around me gives me peace of mind", Kai says. "You feel the dedication the Nokian Tyres professionals have put into the tires".

You can follow Kai's travels in Instagram @wildlicht For more adventures on wheels, follow us @nokiantyreseurope



# WE INNOVATE SO YOU CAN DRIVE SAFELY

### **NOKIAN TYRES' WINTER TIRE INNOVATIONS**

As highly technical and sophisticated products, tires combine several innovations that ensure they work perfectly in all conditions and take you to your destination safely. Nokian Tyres development team works hard to consider all the situations a driver on winter roads can face – and then how to overcome them.



### NOKIAN TYRES ARAMID SIDEWALL TECHNOLOGY

The sidewall compound contains extremely strong aramid fibers, which are also utilized by the aerospace industry. The aramid fiber strengthens the sidewall rubber to withstand external impacts, making the tires extremely durable and puncture-resistant.

NOKIAN WR SUV 4
NOKIAN WR SUV 3
NOKIAN WR C3
NOKIAN HAKKAPELIITTA LT3
NOKIAN HAKKAPELIITTA R3 SUV
WEATHERPROOF SUV
WEATHERPROOF C

### SNOW CLAWS

The Snow Claws provide maximum grip on snow. The claws grip effectively on surface when driving in soft snow and on other soft terrain. As well as adding to snow grip, this design improves the driving feel when cornering and changing lanes.

NOKIAN WR SNOWPROOF NOKIAN WR A4 NOKIAN WR SUV 4 NOKIAN WR SUV3

### BRAKE BOOSTER

The Brake Booster provides additional safety in demanding weather. It is a powerful, edged saw-tooth pattern that increases the tire's contact with the driving surface and effectively increases braking grip, especially on snowy surfaces.

NOKIAN WR SNOWPROOF NOKIAN HAKKAPELIITTA LT3



### POLISHED GROOVES

Polished Grooves accelerate the removal of snow and slush, providing added safety and assisting drivers on wet roads.

NOKIAN WR SNOWPROOF NOKIAN WR A4 NOKIAN WR D4 NOKIAN WR SUV 4

### SILENT SIDEWALL TECHNOLOGY

A unique combination of compounding and structural design. The special zone on the tire sidewall helps to filter the noise and vibration from the road surface, reducing noise inside the vehicle and making driving comfortably silent.

NOKIAN WR SNOWPROOF NOKIAN WR A4 NOKIAN WR D4

### WINTER SAFETY INDICATOR (WSI)

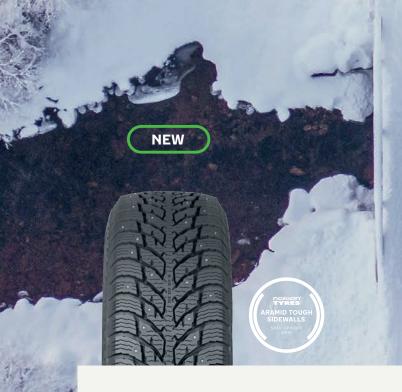
WSI is located in the tread, and displays the remaining tread in millimeters together with a snowflake symbol. The snowflake remains visible until four millimeters of tread remain. Once the snowflake has worn out, we recommend buying new winter tires in order to ensure safety.

ALL TIRES

# FOR THE WORLD'S TOUGHEST WINTER CONDITIONS

### **NOKIAN HAKKAPELIITTA**

Nokian Hakkapeliitta winter tire range is designed to bring peace of mind in the world's most demanding winter conditions. Born and bred in the Arctic, Nokian Hakkapeliitta is at home on ice and snow, offering first-class grip while also staying true to Nokian Tyres' natural values.







### **NOKIAN HAKKAPELIITTA® LT3**

DESIGNED FOR HEAVY 4X4'S AND LIGHT TRUCKS

The new Nokian Hakkapeliitta LT3 winter tire offers exceptional winter grip and driving stability combined with strong structure and great mileage. Designed for demanding winter use and for heavy vehicles, the new Nokian Hakkapeliitta LT3 is reliable and safe on icy roads and snow-covered worksites alike.

- Safety and reliability for extreme winter conditions
- World's first stainless steel studs ensure maximum durability due to resisting corrosion from salty roads
- Strength and stability for heavy loads

## PEACE OF MIND FOR WINTER WORK



### **NOKIAN HAKKAPELIITTA® R3**

DESIGNED FOR MODERN PASSENGER CARS, ELECTRIC CARS AND HYBRIDS

The new Nordic non-studded Nokian Hakkapeliitta R3 winter tire has the perfect balance of safety and comfort. It adapts to all weather variations offering relentless grip and making driving controlled, precise and enjoyable. Nokian Hakkapeliitta R3 is the perfect choice for drivers who value first-class safety, unique driving comfort and greener driving.

- Excellent grip and controlled handling on ice and snow
- Maximum driving comfort in any winter weather
- Saves on fuel costs





### **NOKIAN HAKKAPELIITTA® R3 SUV**

DESIGNED FOR HIGH-PERFORMANCE SPORT UTILITY VEHICLES

Nokian Hakkapeliitta R3 SUV Nordic winter tire is designed for high-performance sport utility vehicles, providing enjoyable driving feel and much-needed stability. The nonstudded Nokian Hakkapeliitta R3 SUV comes with Aramid Sidewalls, which protect the tire from impacts and cuts, offering drivers more durability and peace of mind.

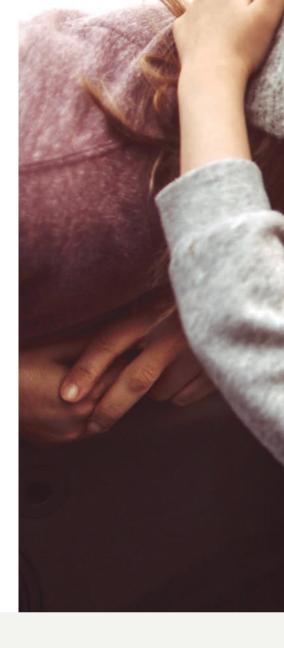
- First-class grip and stable handling on ice and snow
- Enjoyable driving feel
- Aramid reinforced sidewalls for extreme durability

# BUYING WINTER TIRES?

### HERE IS HOW YOU CAN FIND THE BEST ONES FOR YOU

Your car rests on four palm-sized patches that keep you on the road and in control. Your choice of active safety equipment is very important. When considering the options, you should ask yourself a few questions: how much do you drive, what kinds of roads do you use, and what are you like as a driver: do you seek the best possible driving comfort, the best grip or do you favor a small fuel bill. Nokian Tyres' versatile winter tire selection offers you premium performance under varying weather and road conditions. All of our product development work revolves around you and all other drivers, whose everyday driving and safety we want to enhance.

Rely on our test-winning products and enjoy safe driving! Just choose a tire that suits your specific requirements!



PASSENGER CAR TIRES	NOKIAN WR A4	NOKIAN WR SNOWPROOF	NOKIAN WR D4	NOKIAN WEATHERPROOF®
Type of car	High-performance, sporty cars	Middle-sized and high- powered cars	Middle-sized and high- powered cars	Middle-sized and high- powered cars
Snow performance	••••	••••	••••	••••
Wet performance	••••	• • • •	••••	••••
Aquaplaning	••••	••••	••••	••••
> Dry handling	••••	••••	••••	••••
Ice performance	••••	••••	••••	••••
Comfort / Noise level	••••	••••	••••	••••
Fuel efficiency	••••	• • • •	••••	••••
Speed rating	H (210 km/h) V (240 km/h) W (270 km/h)	Q (160 km/h) T (190 km/h) H (210 km/h) V (240 km/h) W (270 km/h)	Q (160 km/h) T (190 km/h) H (210 km/h) V (240 km/h)	T (190 km/h) H (210 km/h) V (240 km/h)
Tire sizes	16-21	14-20	13-18	13–19
Nokian Tyres Satisfaction Promise	✓	✓	✓	<b>✓</b>



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SUV	TIRES	NOKIAN WR SUV 4	NOKIAN WR SUV 3	NOKIAN WEATHERPROOF® SUV
$\triangle$	Snow performance	••••	••••	••••
0;;	Wet performance	••••	••••	••••
<u>@</u>	Aquaplaning	••••	••••	••••
<b>&gt;</b>	Dry handling	••••	••••	••••
A	Ice performance	••••	••••	••••
	Comfort / Noise level	••••	••••	••••
	Fuel efficiency	••••	••••	••••
	Speed rating	H (210 km/h) V (240 km/h) W (270 km/h)	T (190 km/h) H (210 km/h) V (240 km/h)	H (210 km/h) V (240 km/h)
	Tire sizes	16-21	15-20	16-19
COURTE VALUE OF THE PROPERTY O	Nokian Tyres Satisfaction Promise	<b>✓</b>	<b>✓</b>	✓
AND AND STATE OF THE PROPERTY	Nokian Tyres Aramid Guarantee	<b>✓</b>	<b>✓</b>	✓



### **OUR CONSUMER PROMISES TO YOU**



### **NOKIAN TYRES ARAMID GUARANTEE**

Protection in case of sidewall breakage

Our SUV and van tires provide you durability and protection for surprising situations. Extremely durable Aramid staple fibers, which are also successfully used in bulletproof vests, reinforce the sidewall to make it exceptionally resistant to wear and cuts. To convince you of our

robust tires completely: If you make your tire purchase in one of our specified tire shops, the Nokian Tyres Aramid Guarantee covers accidentally on sidewall damaged tires and provides you with a new, corresponding product free of charge.



### **NOKIAN TYRES SATISFACTION PROMISE**

Make your tire purchase in one of our specified tire shops, and we will give you a special guarantee: If you aren't happy with your new Nokian Tyres products, you may swap them to another set free of charge.

Nokian Tyres Satisfaction Promise may not be available in all countries.

Please contact your Nokian Tyres specified retailer for details.

The Nokian Tyres Satisfaction Promise applies to Nokian Tyres' summer tires, winter tires and All-Weather tires and a return is to be made within 14 days from date of purchase. The list is updated annually.

READ MORE: nokiantyres.com/consumer-promises/

### WINTER TIRES 2019

NOKIAN WR SNOWPI	ROOF	245/40 R 17 95H XL	CB)69	225/45 R 17 94V XL	CB)69	235/60 R 16 100H	CB)) 72
165/70 R 14 81T	CB)68	215/50 R 18 92V	CB)) 72	245/45 R 18 100V XL	CB)69	265/70 R 17 115H	CC)) 73
175/70 R 14 84T	CB)68	235/50 R 18 101V XL	CB)) 72	225/40 R 18 92V XL	CB)69	215/65 R 17 103H XL	CB)) 72
185/70 R 14 88T	*	245/50 R 18 104V XL	BA)69			225/65 R 17 106H XL	C C )) 72
165/65 R 14 79T	CB)68	225/45 R 18 95V XL	CB)) 72	NOKIAN WR SUV	4	235/65 R 17 108H XL	C C )) 72
175/65 R 14 82T	CB)68	235/45 R 18 98V XL	BB))70	215/70 R 16 100H	CC))72	245/65 R 17 111H XL	C C )) 72
185/60 R 14 82T	CB)68	245/45 R 18 100V XL	BA)69	225/70 R 16 107H XL	CC))72	265/65 R 17 116H XL	B C )) 73
205/70 R 15 100H XL	CB)69	255/45 R 18 103V XL	CB)70	245/70 R 16 111H XL	BC))72	215/60 R 17 100H XL	C C )) 72
175/65 R 15 84T	CB)68	225/40 R 18 92V XL	C B )) 72	255/70 R 16 111H	C C )) 73	225/60 R 17 103H XL	C C )) 72
185/65 R 15 88T	CB)68	235/40 R 18 95V XL	C B )) 72	215/65 R 16 98H	CC))72	235/55 R 17 103H XL	CB))72
185/65 R 15 92T XL	CB)68	245/40 R 18 97V XL	CB)69	215/65 R 17 103H XL	CC))72	235/60 R 18 107V XL	CC)) 72
195/65 R 15 91T	CB)69	255/40 R 18 99V XL	CB)70	225/65 R 17 106H XL	BC)) 72 CC)) 72	245/60 R 18 105H	CB))72
195/65 R 15 91H	CB)69	255/35 R 18 94V XL 225/45 R 19 96V XL	CB) 70 CB)) 72	235/65 R 17 108H XL		215/55 R 18 99V XL	CC)) 72 CC)) 72
195/65 R 15 95T XL 205/65 R 15 94T	BB)69 *	235/45 R 19 99V XL	CB)) 72	255/65 R 17 114H XL 215/60 R 17 100H XL	B C )) 73 C C )) 72	235/55 R 18 104H XL 295/40 R 20 110V XL	CC)) 75
165/60 R 15 77T	CB)68	245/45 R 19 102V XL	BB)69	225/60 R 17 103H XL	CC)) 72	293/40 K 20 HOV XL	CC 11 73
185/60 R 15 88T XL	CB)68	255/45 R 19 104V XL	CB)70	235/60 R 17 106H XL	CC)) 72	NOKIAN WR C3	
195/60 R 15 88T	CB)69	225/40 R 19 93V XL	CB)) 72	255/60 R 17 106H	C C )) 73	175/70 R 14 C 95/93T	C E )) 72
205/60 R 15 91H	CB)69	235/40 R 19 96V XL	CB)) 72	235/55 R 17 103H XL	BC))72	195/70 R 15 C 104/102S	CE)) 72
185/55 R 15 82T	CB)68	245/40 R 19 98V XL	CB)69	235/65 R 18 110H XL	BB))72	205/70 R 15 C 106/104S	CE))72
195/50 R 15 82H	CB)69	255/40 R 19 100V XL	CB)70	225/60 R 18 104H XL	BC))72	215/70 R 15 C 109/107S	C E )) 72
195/50 R 15 82T	CB)69	275/40 R 19 105V XL	CB)70	235/60 R 18 107V XL	CB))72	225/70 R 15 C 112/110S (115N)	C E )) 72
205/60 R 16 92H	CB)69	245/35 R 19 93W XL	CB)69	255/60 R 18 112H XL	B C )) 73	205/65 R 15 C 102/100T	E C )) 72
205/60 R 16 96H XL	CB)69	255/35 R 19 96V XL	CB)70	265/60 R 18 114H XL	B C )) 73	215/65 R 15 C 104/102T	C E )) 72
215/60 R 16 95H	CB)69	285/30 R 19 98V XL	EB)) 74	215/55 R 18 95H	C C )) 72	185/60 R 15 C 94/92T	E E )) 72
215/60 R 16 99H XL	CB)69	245/40 R 20 99W XL	CB)69	225/55 R 18 102H XL	C C )) 72	185/75 R 16 C 104/102S	C E )) 72
195/55 R 16 87H	CB)69	245/35 R 20 95W XL	CB)69	235/55 R 18 104H XL	CB)) 72	195/75 R 16 C 107/105S	CE))72
205/55 R 16 91T	CB)69	255/35 R 20 97W XL	CB)70	255/55 R 18 109V XL	C C )) 73	205/75 R 16 C 113/111S	CE))72
205/55 R 16 91H	CB)69	275/35 R 20 102W XL	CB)70	235/50 R 18 101V XL	CB)) 72	215/75 R 16 C 116/114S	CE))72
215/55 R 16 93H 215/55 R 16 97H XL	CB)69 CB)69	245/35 R 21 96W XL 205/55 R 16 91V Flat Run	CB) 69 FB)) 72	225/55 R 19 103V XL 235/55 R 19 105V XL	C C )) 72 C C )) 72	225/75 R 16 C 121/120R 195/65 R 16 C 104/102T	CE)) 72 CE)) 72
225/55 R 16 95H	CB)69	205/55 R 17 91H Flat Run	EB)) 72	255/55 R 19 111V XL	BC)) 73	205/65 R 16 C 107/105T	CE)) 72
195/50 R 16 88H XL	CB)69	225/55 R 17 97H Flat Run	EB)) 72	265/55 R 19 109V	B C )) 73	215/65 R 16 C 109/107R (106T)	
215/60 R 17 96H	CB)69	225/50 R 17 94H Flat Run	EB)) 72	275/55 R 19 111V	C C )) 73	225/65 R 16 C 112/110T	CE)) 72
215/55 R 17 98H XL	CB)69	205/45 R 17 84V Flat Run	FB))72	235/50 R 19 99V	C C )) 72	235/65 R 16 C 121/119R	CE))72
225/55 R 17 97H	CB)69	225/45 R 17 91H Flat Run	FB))72	245/50 R 19 105V XL	CC))72	195/60 R 16 C 99/97T	EC))72
235/55 R 17 103V XL	*	245/50 R 18 100H Flat Run	EA)69	255/50 R 19 107V XL	C C )) 73	215/60 R 16 C 103/101T	CE))72
205/50 R 17 93H XL	BB)69	225/45 R 18 95V XL Flat Run	EB)) 72	265/50 R 19 110V XL	B C )) 73	205 R 16 C 110/108R	C E )) 72
205/50 R 17 93V XL	BB)69	245/45 R 18 100V XL Flat Run	E B )) 72	285/45 R 19 111V XL	CC)) 74	215/60 R 17 C 109/107T (104H)	CE)) 72
225/50 R 17 94H	CB)69	NOKIAN WE DA		275/60 R 20 116H XL	*	235/60 R 17 C 117/115R	C E )) 72
225/50 R 17 98H XL	CB)69	NOKIAN WR D4		235/55 R 20 105H XL	C C )) 72	225/55 R 17 C 109/107T	E E )) 72
225/50 R 17 98V XL	CB)69	155/80 R 13 79T	EB)68	255/55 R 20 110V XL	CC)) 73	NOKIAN WEATHERPE	POOE
235/50 R 17 100V XL	CB)69	155/70 R 13 75T	EB)68	245/50 R 20 102V	CC)) 72		
225/45 R 17 91H 225/45 R 17 94H XL	CB)69 CB)69	165/70 R 13 79T 175/70 R 13 82T	EB)68 EB)68	255/50 R 20 109V XL 265/50 R 20 111V XL	CC)) 73 BC)) 73	155/70 R 13 75T 165/70 R 13 79T	CB)68
225/50 R 18 99H XL	CB)69	165/70 R 14 81T	EB)68	275/50 R 20 109H	CC)) 73	175/70 R 13 82T	CB)68
225/45 R 18 95V XL	CB)69	155/65 R 14 75T	CB)68	245/45 R 20 103V XL	CC)) 72	165/70 R 14 81T	CB)68
245/45 R 18 100V XL	CB)69	175/65 R 14 82T	CB)68	255/45 R 20 105V XL	CC)) 73	175/70 R 14 84T	CB)68
225/40 R 18 92V XL	*	185/65 R 14 86T	CB)68	265/45 R 20 108V XL	CC)) 73	155/65 R 14 75T	CB)68
155/70 R 19 88Q XL	CB)68	175/65 R 15 84T	CB)68	275/45 R 20 110V XL	CC)) 73	165/65 R 14 79T	CB)68
235/35 R 19 91W XL	*	185/65 R 15 88T	CB)68	285/45 R 20 112V XL	CC)) 74	175/65 R 14 82T	CB)68
195/55 R 20 95H XL	BB)69	195/65 R 15 95H XL	CB)69	275/40 R 20 106V XL	C C )) 73	185/65 R 14 86T	CB)68
205/60 R 16 96H XL Flat Run	EB)69	195/65 R 15 91T	CB)69	315/35 R 20 110V XL	CC))75	185/60 R 14 82H	CB)68
195/55 R 16 87V Flat Run	*	185/60 R 15 84T	CB)68	265/45 R 21 108V XL	BC))73	175/65 R 15 84T	CB)68
205/55 R 16 91H Flat Run	*	185/60 R 15 88T XL	CB)68	275/45 R 21 110W XL	BC))73	185/65 R 15 88T	CA)68
225/50 R 18 95H Flat Run	*	195/60 R 15 92H XL	CB)69	255/40 R 21 102V XL	CB))73	185/65 R 15 92H XL	BA)68
NOKIAN WR A4		185/55 R 15 86H XL	CB)68	265/40 R 21 105V XL	C C )) 73	195/65 R 15 91T	CB)69
		195/55 R 15 89H XL 205/65 R 16 95H	CB)69	275/40 R 21 107V XL	C C )) 73	195/65 R 15 91H	CB)69
205/55 R 16 91H 205/55 R 16 94V XL	CB)) 72 CB)) 72	215/65 R 16 102H XL	CB)69	285/40 R 21 109V XL	CC)) 74	205/65 R 15 94H 185/60 R 15 88H XL	CB)69 CB)68
215/55 R 16 97V XL	BB)) 72	195/60 R 16 89H	CB)69 CB)69	295/40 R 21 111V XL	CC)) 74	195/60 R 15 88H	CB)69
205/55 R 17 95V XL	BB)) 72	205/60 R 16 92H	CB)69	315/40 R 21 115W XL	CB))75	185/55 R 15 82H	CB)68
215/55 R 17 98V XL	CB)) 72	205/60 R 16 96H XL	CB)69	295/35 R 21 107V XL 225/60 R 17 99V Flat Run	CC)) 74 EC)) 72	195/55 R 15 85H	CB)69
225/55 R 17 101V XL	CB)) 72	215/60 R 16 99H XL	CB)69	225/60 R 18 104V XL Flat Run		195/50 R 15 82H	CB)69
235/55 R 17 103V XL	BB))72	225/60 R 16 102V XL	CB)69	255/50 R 19 107V XL Flat Run		205/60 R 16 92H	CB)69
215/50 R 17 95V XL	CB))72	195/55 R 16 91H XL	CB)69	265/50 R 19 110V XL Flat Run		215/60 R 16 99H XL	CA)69
225/50 R 17 94V	CB))72	205/55 R 16 91H	CB)69			195/55 R 16 87H	CB)69
205/45 R 17 88V XL	CB))72	205/55 R 16 91T	CB)69	NOKIAN WR SUV	3	205/55 R 16 91H	CA)69
215/45 R 17 91V XL	CB))72	215/55 R 16 93H	CB)69	235/75 R 15 105T	C C )) 72	205/55 R 16 94V XL	CB)69
225/45 R 17 94H XL	CB))72	225/55 R 16 99H XL	CB)69	215/70 R 16 100H	CC))72	215/55 R 16 93H	CA)69
235/45 R 17 97H XL	CB))72	205/50 R 16 91H XL	CB)69	235/70 R 16 106H	CC))72	215/55 R 16 97V XL	CA)69
235/45 R 17 97V XL	CB))72	195/45 R 16 84H XL	CB)69	265/70 R 16 112H	C C )) 73	225/55 R 16 95V	CA)69
245/45 R 17 99V XL	CB) 69	215/45 R 16 90H XL	CB)69	215/65 R 16 102H XL	CC))72	205/55 R 17 95V XL	CB)69 CB)69
215/40 R 17 87V XL	C B )) 72	225/45 R 17 91H	CB)69			215/55 R 17 98V XL	C D 7 69

The EU tyre label values can be found after the size marking, for example 215/65 R 15 100 H XL BC ))72. The first letter indicates the fuel economy class of the tyre [B], and the second indicates the wet grip class [C]. The round brackets indicate the noise level of the tyre. )))= exceeds the future type approval limit, ))= corresponds to future type approval, )= more than 3 dB quieter than the future type approval. The number figure [72] indicates the external rolling noise in decibels.

\*EU tire label values available later

The EU tyre label values can be found after the size marking, for example 215/65 R 15 100 H XL BC ))72. The first letter indicates the fuel economy class of the tyre [B], and the second indicates the wet grip class [C]. The round brackets indicate the noise level of the tyre. )))= exceeds the future type approval limit, ))= corresponds to future type approval, )= more than 3 dB quieter than the future type approval. The number figure [72] indicates the external rolling noise in decibels.

225/55 R 17 97V	CA)69	LT285/75 R 16 122/119Q		255/40 R 18 99T XL	*	245/60 R 18 109R XL	BF))72
235/55 R 17 103V XL	CA)69	LT235/80 R 17 120/117Q		275/40 R 18 103T XL	*	255/60 R 18 112R XL	B F )) 73
205/50 R 17 89V	CB)69	LT245/75 R 17 121/118Q		255/35 R 18 94R XL	C F )) 73	265/60 R 18 114R XL	B F )) 73
215/50 R 17 95V XL	CB)69	LT245/70 R 17 119/116Q		265/35 R 18 97T XL	C F )) 73	285/60 R 18 116R	B F )) 75
225/50 R 17 98V XL	CA)69	LT265/70 R 17 121/118Q		155/70 R 19 88Q XL	A F )) 71	215/55 R 18 99R XL	BF))72
205/45 R 17 88V XL	EB)69	LT275/70 R 17 120/117Q		225/45 R 19 96T XL	BF))72	225/55 R 18 102R XL	BF))72
225/45 R 17 94V XL	CA)69	LT285/70 R 17 121/118Q		235/45 R 19 99T XL	BF))72	235/55 R 18 104R XL	BF))72
235/45 R 17 94V	CA)69	LT315/70 R 17 121/118Q		245/45 R 19 102T XL	BF))72	255/55 R 18 109R XL	BF))73
225/45 R 18 95V XL	CA)69	LT265/70 R 18 124/121Q		255/45 R 19 104T XL	B F )) 73	235/50 R 18 101R XL	BF))72
235/45 R 18 98V XL	CB))70	LT275/70 R 18 125/122Q		225/40 R 19 93T XL	CF)) 72	225/55 R 19 103R XL	BF))72
245/45 R 18 100V XL	CB))72	LT275/65 R 18 123/120Q		235/40 R 19 96T XL	BF))72	235/55 R 19 105R XL	BF))72
225/40 R 18 92V XL	CA)69	LT275/65 R 20 126/123Q		245/40 R 19 98T XL	CF)) 72	245/55 R 19 107R XL	BF))72
245/40 R 18 97V XL	CB))72			255/40 R 19 100T XL	CF)) 73	255/55 R 19 111R XL	BF))73
245/40 R 19 98V XL	CB))72	NOKIAN HAKKAPELII	TTA R3	275/40 R 19 101T	*	265/55 R 19 113R XL	BF))73
255/40 R 19 100V XL	C A )) 73	175/65 R 14 82R	BF)) 71	255/35 R 19 96T XL	CF)) 73	275/55 R 19 115R XL	BF))73
205/55 R 16 91V Flat Run	EA)69	185/65 R 14 86R	BF)) 71	275/35 R 19 100T XL	*	235/50 R 19 103R XL	BF))72
225/45 R 17 91V Flat Run	EA)69	175/65 R 15 84R	B F )) 71	195/55 R 20 95R XL	BF))72	245/50 R 19 105R XL	BF))72
		185/65 R 15 88R	B F )) 71	215/45 R 20 95R XL	BF))72	255/50 R 19 107R XL	BF))73
NOKIAN WEATHERPRO	OF SUV	195/65 R 15 95R XL	B F )) 72	245/40 R 20 99T XL	BF))72	265/50 R 19 110R XL	A F )) 73
215/70 R 16 100H	CB)69	205/65 R 15 94R	BF))72	235/35 R 20 92T XL	CF))72	275/60 R 20 115R	*
225/70 R 16 107H XL	CB)69	165/60 R 15 81R XL	CF)) 71	255/35 R 20 97T XL	C F )) 73	235/55 R 20 102R	BF))72
215/65 R 16 102H XL	CA)69	185/60 R 15 88R XL	BF)) 71	275/35 R 20 102T XL	CF)) 73	255/55 R 20 110R XL	BF))73
215/65 R 17 103H XL	C B )) 72	195/60 R 15 88R	BF))72	245/35 R 21 96T XL	CF))72	275/55 R 20 117R XL	BF))73
225/65 R 17 106H XL	CA)69	185/55 R 15 86R XL	BF)) 71	265/35 R 21 101T XL	C F )) 73	235/50 R 20 104T XL	*
235/65 R 17 108H XL	CA) 69	195/55 R 15 89R XL	CF)) 72	205/60 R 16 96R XL Flat Run		245/50 R 20 105R XL	BF))72
215/60 R 17 100H XL	CA) 69	205/65 R 16 99R XL	BF)) 72	205/55 R 16 91R Flat Run	E F )) 72	255/50 R 20 109R XL	B F )) 73
	CA)69		BF)) 72	205/55 R 17 95R XL Flat Run		265/50 R 20 111R XL	B F )) 73
225/60 R 17 103H XL		195/60 R 16 89R		225/55 R 17 97R Flat Run	F F )) 72	275/50 R 20 113R XL	BF))73
235/60 R 17 106H XL	CA)69	205/60 R 16 96R XL	BF))72	225/50 R 17 94R Flat Run	FF)) 72	285/50 R 20 116R XL	BF)) 75
235/60 R 18 107V XL	CA)69	215/60 R 16 99R XL	BF))72	225/45 R 17 91T Flat Run	E F )) 72	245/45 R 20 103T XL	BF))72
235/55 R 18 104V XL	CA)69	225/60 R 16 102R XL	BF))72	245/50 R 18 100R Flat Run	EF)) 72	255/45 R 20 105T XL	BF))73
255/55 R 18 109V XL	CA)70	195/55 R 16 91R XL	BF)) 72	225/45 R 18 95T XL Flat Run		265/45 R 20 108T XL	BF))73
235/50 R 18 101V XL	CB)69	205/55 R 16 94R XL	BF))72	245/45 R 18 100T XL Flat Run		275/45 R 20 110T XL	
235/55 R 19 105V XL	CB)69	215/55 R 16 97R XL	BF))72	243/43 K 10 1001 ALT lat Kull	LI ///2	285/45 R 20 112T XL	B F )) 73 B F )) 75
255/50 R 19 107V XL	C A )) 73	225/55 R 16 99R XL	BF))72	NOKIAN HAKKAPELIITTA	R3 SUV	275/40 R 20 106T XL	BF))73
NOKIAN WEATHERPR	OOF C	195/50 R 16 88R XL	C F )) 72				
		205/55 R 17 95R XL	B F )) 72	215/70 R 16 100R	BF))72	295/40 R 20 110T XL	BF))75
175/65 R 14 C 90/88T	CE)68	215/55 R 17 98R XL	BF))72	245/70 R 16 111R XL	BF))72	315/35 R 20 110T XL	CF))75
195/70 R 15 C 104/102R	CE))73**	225/55 R 17 101R XL	B F )) 72	265/70 R 16 112R	BF))73	265/45 R 21 108T XL	BF))73
215/70 R 15 C 109/107R	E E )) 73**	235/55 R 17 103R XL	BF))72	215/65 R 16 102R XL	BF))72	275/45 R 21 110T XL	BF))73
225/70 R 15 C 112/110R (115N)	C E )) 73***	205/50 R 17 93R XL	B F )) 72	235/60 R 16 104R XL	BF))72	285/45 R 21 113T XL	*
195/75 R 16 C 107/105R	C E )) 73***	215/50 R 17 95R XL	C F )) 72	245/70 R 17 115R	*	265/40 R 21 105T XL	B F )) 73
205/75 R 16 C 113/111R	C C )) 73***	225/50 R 17 98R XL	BF))72	265/70 R 17 115R	B F )) 73	275/40 R 21 107T XL	B F )) 73
215/75 R 16 C 116/114R	C C )) 73***	235/50 R 17 100R XL	BF))72	215/65 R 17 103R XL	BF))72	285/40 R 21 109T XL	B F )) 75
225/75 R 16 C 121/120R	C C )) 73***	215/45 R 17 91T XL	CF))72	225/65 R 17 106R XL	BF))72	295/40 R 21 111T XL	B F )) 75
195/65 R 16 C 104/102T	C E )) 73**	225/45 R 17 94T XL	BF))72	235/65 R 17 108R XL	B F )) 72	315/40 R 21 111T	B F )) 75
205/65 R 16 C 107/105T	C E )) 73**	235/45 R 17 97T XL	CF))72	245/65 R 17 111R XL	B F )) 72	295/35 R 21 107T XL	C F )) 75
215/65 R 16 C 109/107T	C E )) 73**	245/45 R 17 99T XL	CF))72	255/65 R 17 114R XL	B F )) 73	315/35 R 21 111T XL	*
225/65 R 16 C 112/110R	C E )) 73***	215/50 R 18 92R	*	265/65 R 17 116R XL	B F )) 73	285/45 R 22 114T XL	*
235/65 R 16 C 121/119R	C E )) 73***	225/50 R 18 99R XL	BF))72	215/60 R 17 100R XL	BF))72	285/40 R 22 110T XL	*
195/60 R 16 C 99/97T	E C )) 73**	245/50 R 18 104R XL	CF))72	225/60 R 17 103R XL	BF))72	225/60 R 17 99R Flat Run	E F )) 72
**Van ***Cargo		225/45 R 18 95T XL	B F )) 72	235/60 R 17 106R XL	BF))72	225/60 R 18 104R XL Flat Run	EF))72
3		235/45 R 18 98T XL	BF)) 72	255/70 R 18 113R	BF))73	255/50 R 19 107R XL Flat Run	E F )) 73
NOKIAN HAKKAPELIIT	TA LT3	245/45 R 18 100T XL	BF))72	235/65 R 18 110R XL	BF))72	265/50 R 19 110R XL Flat Run	C F )) 73
LT235/85 R 16 120/116Q		255/45 R 18 103T XL	BF))73	265/65 R 18 114R	BF))73		
LT225/75 R 16 115/112Q		225/40 R 18 92T XL	CF)) 72	275/65 R 18 116R	BF))73		
LT245/75 R 16 120/116Q		235/40 R 18 95T XL	CF)) 72	225/60 R 18 104R XL	BF)) 72		
LT265/75 R 16 119/116Q		245/40 R 18 97T XL	CF)) 72	235/60 R 18 107R XL	BF)) 72	*EU tire label values avai	lable later
L1203/73 K 10 113/1100		2-13/10 IV IO 3/ 1 AL	01 // /2				



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