





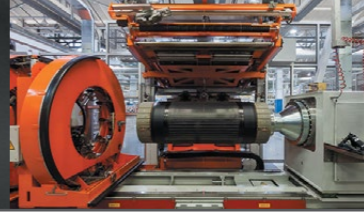





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# COMPANY HISTORY


|   |   |  |   |  |  |  |   |
|---|---|--|---|--|--|--|---|
| <p><b>1932</b></p> <p>Yaroslavl Tyre Plant was founded.</p> <p>Yaroslavl plant - the first in Europe in terms of production capacities, the fourth in the world and the first in the USSR</p> | <p><b>1940</b></p> <p>Omsk Tyre Plant was founded</p>   | <p><b>1960-1965</b></p> <p>In the 1960s Omsk truck tyres with metal cord exceeded the mileage of 100,000 km (75,000 km was the record of Continental Company at those times)</p> | <p><b>2006-2008</b></p> <p>The holding company SIBUR – Russian Tyres, was founded.</p> <p>Consolidation of tyre plants including: Yaroslavl Tyre Plant JSC, Omskshina JSC, Voltyre-Prom JSC, Uralshina LLC, Matador-Omskshina JV (a Russian-Slovak enterprise founded in 1995 with shares of 50%/50%)</p> | <p><b>2007</b></p> <p>A joint venture was created with Continental, a German corporate group, within the framework of cooperation in the development of Matador-Omskshina JV</p> | <p><b>2011</b></p> <p>Cordiant won “Brand of the year”/ EFFIE 2011 in AUTO-MOTO category (confirmation of customers’ confidence in the quality)</p>  | <p><b>2014</b></p> <p>A new lineup of all-steel truck tyres - Cordiant Professional.</p> <p><b>Cordiant PROFESSIONAL 16</b></p> <p>The range of sizes and quality of tyres are comparable to the premium brands.</p>   | <p><b>2015</b></p> <p>According to the international GFK agency, by the results of winter sales Cordiant brand has become a leader on the retail market of passenger car tires.</p> |
| <b>1930</b>   | <b>1940</b>   | <b>1960</b>  | <b>2000</b>   |  |  |  |   |
|   |   |   |   |    |    |    |   |
| <p><b>1936</b></p> <p>Start of tyre production for buses and trolleybuses</p>   | <p><b>1941-1945</b></p> <p>During the Second World War, the plant manufactured tyres for military aviation, artillery and military motor vehicles. Over these years, Yaroslavl Tyre Plant produced a volume of products sufficient for 3200 artillery and 1400 aviation regiments</p> | <p><b>1961</b></p> <p>The enterprise manufactured tyres for the first Soviet limousine GAZ “M-1” – an automobile for government officials</p>                                    | <p><b>2006</b></p> <p>Start of production of CORDIANT brand passenger car tyres</p>   | <p><b>2009</b></p> <p>Intyre, R&amp;D center, was founded - innovative engineering in the development of passenger car and truck tyres</p>                                       | <p><b>2012</b></p> <p>The joint-stock company Cordiant was founded.</p> <p><b>Cordiant</b></p> <p>The company focuses on the production of truck, light truck and passenger car tyres at 3 plants: Yaroslavl Tyre Plant JSC, Omskshina JSC and Cordiant-Vostok JSC</p> | <p><b>2016</b></p> <p>JSC “Cordiant” – an international holding company, one of the leading manufacturers of tyres in Eastern Europe. Holding’s products are exported to more than 30 countries around the world, Europe, North and South America, the CIS and Baltic countries.</p> |   |

 JSC Cordiant – a tyre production leader in the Eastern Europe, owns production sites in Yaroslavl (Yaroslavl Tyre Plant) and Omsk (Omskshina JSC and Cordiant-Vostok JSC), and Intyre R&D Center.

 Cordiant JSC annual sales are about 1 bln. dollars.

 Sales regions. The holding exports its products to more than 30 countries. Cordiant delivers its tyres to Europe, Latin America, the Russian Federation, the CIS countries.

 ISO 9001, ISO/TS 16949, ISO 14001 certification confirms high standards of environmental management and sound business processes within the company. Compliance with the regulations established by the UN Economic Commission for Europe № 30, 54, 117 ensures the high quality of all products and consistent technical characteristics.

 Thanks to a large-scale investment program, the production capacities of the holding are comparable with the leading European producers in terms of equipment and production volumes.



## Confidence on winter roads



**Cordiant Snow Cross** – studded tyres for extreme winter conditions.

- Matchless grip and safety on ice
- Safe driving and high performance on the snow
- The tyres are ready for extreme winter conditions

New rubber compound with an increased percentage of silica filler allows to make tyres softer and more effective at extremely low temperatures and improves winter performance on ice and snow as well as wet road grip during thaw period. Cordiant technologies provide maximum safety and predictable handling on winter road.



### Tread characteristics

**ICE-COR** – 16 asymmetrical spike rows contact the road alternately with at least 10 spikes constantly covered by the contact patch, which allows to prevent the tyre slipping in any direction.

**SNOW-COR** – The directional tread pattern formed as beams radiating from the tyre center squeezes snow and water out of the contact patch.

New patented aluminium stud **SPIKE-COR** developed by the world's leading company Scason.

- The unique design of the spike body prevents rotation of the spike in the tyres, increasing reliability and providing improved performance on winter road.
- The octagonal shape of a core of tungsten carbide due to the increased number of edges improves grip characteristics on winter road.
- Through the use of computer simulation optimal shape of the hole under the spike was found, allowing ensure the reliable retention of spike in the tyres, and to transfer larger force on the ice.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 155/70R13     | 160 (Q)     | 75         |
| 175/70R13     | 190 (T)     | 82         |
| 175/65R14     | 190 (T)     | 82         |
| 185/60R14     | 190 (T)     | 82         |
| 185/65R14     | 190 (T)     | 86         |
| 185/70R14     | 190 (T)     | 92         |
| 185/60R15     | 190 (T)     | 84         |
| 185/65R15     | 190 (T)     | 92         |
| 195/55R15     | 190 (T)     | 89         |
| 195/60R15     | 190 (T)     | 92         |
| 195/65R15     | 190 (T)     | 91         |
| 205/65R15     | 190 (T)     | 99         |
| 205/70R15     | 190 (T)     | 100        |
| 195/55R16     | 190 (T)     | 91         |
| 205/55R16     | 190 (T)     | 94         |
| 205/60R16     | 190 (T)     | 96         |
| 215/55R16     | 190 (T)     | 97         |
| 215/60R16     | 190 (T)     | 95         |
| 215/65R16     | 190 (T)     | 102        |
| 215/70R16     | 190 (T)     | 100        |
| 225/70R16     | 190 (T)     | 107        |
| 235/70R16     | 190 (T)     | 106        |
| 245/70R16     | 190 (T)     | 107        |
| 215/50R17     | 190 (T)     | 95         |
| 215/55R17     | 190 (T)     | 98         |
| 215/60R17     | 190 (T)     | 100        |
| 225/45R17     | 190 (T)     | 94         |
| 225/50R17     | 190 (T)     | 98         |
| 225/55R17     | 190 (T)     | 101        |
| 225/60R17     | 190 (T)     | 103        |
| 225/65R17     | 190 (T)     | 106        |
| 235/55R17     | 190 (T)     | 103        |
| 235/65R17     | 190 (T)     | 108        |
| 265/65R17     | 190 (T)     | 116        |
| 225/55R18     | 190 (T)     | 102        |

By test results, braking distance of SPIKE-COR studded tyres 1.2 m shorter than when using standard studs.



## Safe driving on icy roads



**Cordiant Sno-Max** provides safety and stability on icy road in extreme winter conditions.

Excellent straight stability and better self-cleaning of the tyre tread pattern for safety and maximum controllability in any winter conditions.



### Tread characteristics

**Safe braking and excellent controllability in any weather conditions**  
Zigzag sipes and anchored double-flange spikes.

**Stability on the straight and perfect controllability**  
due to solid center zigzag ribs.

**Better self-cleaning and slush planning protection**  
due to expanding grooves.

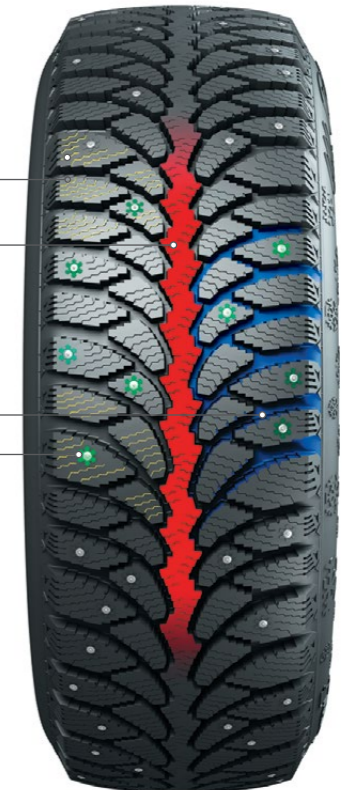
**Break-in period control**  
due to special star-shaped indicators, the abrasion of which indicates the completion of the break-in period.



For maximum safety on winter road we use a unique patented aluminum spike in the form of an asterisk with a core of tungsten carbide, developed by the world's leading company Scason.



To secure the aluminium spikes, two-layer fixation and special anchoring are used.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 155/65R13     | 190 (T)     | 73         |
| 175/70R13     | 160 (Q)     | 82         |
| 175/65R14     | 190 (T)     | 82         |
| 185/60R14     | 190 (T)     | 82         |
| 185/65R14     | 190 (T)     | 86         |
| 195/65R15     | 190 (T)     | 91         |
| 205/60R15     | 190 (T)     | 91         |
| 205/65R15     | 190 (T)     | 94         |
| 205/55R16     | 190 (T)     | 94         |
| 205/60R16     | 190 (T)     | 96         |
| 215/55R16     | 190 (T)     | 97         |



## New generation of friction tyres for in-city driving in changeable weather conditions



**Cordiant Winter Drive** – Winter friction tyres fit for variable weather conditions during the winter months in the city. Steering safety is achieved by using a unique asymmetric tread pattern that ensures a high stability/controllability level.

Multiple tread block edges provide better acceleration and gripping properties of the tyre when driving on ice-covered roads and packed snow.

In case of soft snow, it fills in the grooves, which are used for increasing braking performance.



### Tread characteristics

**Powerful acceleration dynamics**  
Multiple tread block grooves and Z-sipes for better snow/ice grip and higher traction.

**Increased steering precision**  
Two stiff belts formed by massive shoulder and center rib tread blocks with interconnecting half bridges.

**Safe driving during thaw periods**  
Longitudinal and lateral tread grooves, and multiple sipes for water drainage to prevent aquaplaning risk.

**Noise reduction**  
No resonance due to variable tread pattern pitch designed by mathematical calculation.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 155/70R13     | 190 (T)     | 75         |
| 175/70R13     | 190 (T)     | 82         |
| 175/65R14     | 190 (T)     | 82         |
| 175/70R14     | 190 (T)     | 84         |
| 185/60R14     | 190 (T)     | 82         |
| 185/70R14     | 190 (T)     | 88         |
| 185/65R15     | 190 (T)     | 92         |
| 195/65R15     | 190 (T)     | 91         |
| 205/65R15     | 190 (T)     | 94         |
| 195/60R15     | 190 (T)     | 88         |
| 195/55R15     | 190 (T)     | 85         |
| 205/55R16     | 190 (T)     | 94         |
| 205/60R16     | 190 (T)     | 96         |
| 215/65R16     | 190 (T)     | 102        |
| 215/70R16     | 190 (T)     | 100        |
| 215/55R17     | 190 (T)     | 98         |



## Friction tyres for comfortable driving in mild winter conditions!



**Cordiant Polar SL** friction tyres are perfect for mild winter conditions and will meet the requirements of demanding drivers! The particular attention of the tyre designers is paid to increasing tyre grip and driving comfort.

**Cordiant Polar SL** tyres are perfect for modern SUV and off road vehicles.



### Tread characteristics

**Excellent road-holding ability and perfect cornering stability** are achieved due to two longitudinal treads and a central stepped groove.

**Effective braking**  
A zigzag sipe net of variable depth.

**Perfect grip**  
is achieved through effective snow slush removal from the contact patch.

**Comfort and low noise level**  
are achieved due to tread blocks of variable size.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 175/70R13     | 160 (Q)     | 82         |
| 175/65R14     | 160 (Q)     | 82         |
| 185/65R14     | 160 (Q)     | 86         |
| 185/60R14     | 190 (T)     | 82         |
| 195/65R15     | 190 (T)     | 91         |
| 205/55R16     | 190 (T)     | 94         |
| 215/65R16     | 190 (T)     | 102        |



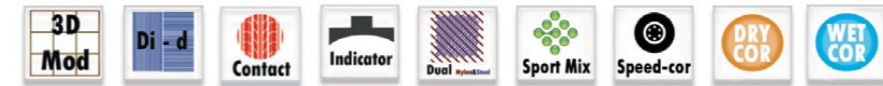
## Control your speed



Due to SPEED-COR sports design and SPORTMIX rubber compound, **Cordiant Sport 3** tyres show excellent stability and controllability at high speeds, even in most complex driving conditions.

The improved WET-COR system provides high security levels in a much wider speed range, on wet road.

DRY-COR technology prevents the tyre slipping and cornering deformation, maintains contact patch and tyre grip stability allowing to avoid skidding and spinning.



### Tread characteristics

**New controllability and traction level**  
Shoulder blocks are interconnected by low half bridges and ensure **Cordiant Sport 3** tyre stability when the driving mode is changed during turning.

**Increased acceleration and braking accuracy**  
Multidirectional shoulder blocks enhance the tread grip properties, which improves acceleration and braking efficiency. The sequence of those results in noise reduction.

**Excellent road-holding ability**  
Central ribs increase the stiffness of the tread belt, which helps to reduce steering reaction time and provide excellent road-holding ability when driving both on dry and wet surfaces.

**Efficient water drainage and high aquaplaning resistance**  
Optimized main groove design and tread openness improve drainage effectiveness and prevents aquaplaning. Aquaplaning resistance is ensured by special grooves in inner and outer shoulder areas that improve the grip in case the road is covered with water.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 195/55R15     | 240 (V)     | 85         |
| 195/60R15     | 240 (V)     | 88         |
| 195/65R15     | 240 (V)     | 91         |
| 205/65R15     | 240 (V)     | 94         |
| 205/55R16     | 240 (V)     | 91         |
| 205/65R16     | 240 (V)     | 95         |
| 205/60R16     | 240 (V)     | 92         |
| 215/55R16     | 240 (V)     | 93         |
| 215/60R16     | 240 (V)     | 99         |
| 215/65R16     | 240 (V)     | 102        |
| 225/55R16     | 240 (V)     | 95         |
| 215/55R17     | 240 (V)     | 98         |
| 215/60R17     | 240 (V)     | 100        |
| 225/45R17     | 240 (V)     | 94         |
| 225/50R17     | 240 (V)     | 98         |
| 225/65R17     | 210 (H)     | 106        |
| 235/65R17     | 210 (H)     | 108        |
| 265/65R17     | 240 (V)     | 116        |
| 225/55R18     | 240 (V)     | 102        |
| 235/60R18     | 240 (V)     | 107        |
| 255/55R18     | 240 (V)     | 109        |



# Cordiant sport 2

## For active driving



The asymmetrical tread pattern of the **Cordiant Sport 2** tyre provides for faster water removal from the contact patch ensuring excellent grip, even at most complex turns.

The increased contact patch area allows to increase the traction coefficient reducing the braking distance and improving the vehicle controllability.



### Tread characteristics

**Outer tread part**  
ensures controllability while maneuvering (turn, elk test).

**Inner tread part**  
ensures water removal from the contact patch (water drains).



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 175/70R13     | 210 (H)     | 82         |
| 175/65R14     | 210 (H)     | 82         |
| 185/60R14     | 210 (H)     | 82         |
| 185/65R14     | 210 (H)     | 86         |
| 185/60R15     | 210 (H)     | 84         |
| 195/60R15     | 210 (H)     | 88         |
| 195/55R15     | 210 (H)     | 85         |
| 195/65R15     | 210 (H)     | 91         |
| 205/65R15     | 210 (H)     | 94         |
| 205/55R16     | 240 (V)     | 91         |
| 205/60R16     | 240 (V)     | 92         |
| 215/55R16     | 240 (V)     | 93         |
| 215/60R16     | 240 (V)     | 99         |



## Steering precision and comfort



**Cordiant Road Runner** is specifically designed for demanding drivers. Standard of handling and comfort.

Many tiny sipes provide better microdrainage and additionally increase the tyre traction properties.



### Tread characteristics

#### Maneuvering stability

due to stiff shoulder ribs improving the tyre contact with the road surface and strengthened central ribs holding the tyre in both longitudinal and transverse directions.

#### Effective braking

The improved water microdrainage in the contact patch, which is achieved by using a drainage groove network, increases the tyre traction coefficient improving the braking efficiency.

#### Easy operation

Alternating central blocks of variable size and multidirectional transverse grooves reduce the tyre noise.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 155/70R13     | 190(T)      | 75         |
| 175/70R13     | 210 (H)     | 82         |
| 175/65R14     | 210 (H)     | 82         |
| 185/60R14     | 210 (H)     | 82         |
| 185/65R14     | 210 (H)     | 86         |
| 185/70R14     | 210 (H)     | 88         |
| 185/65R15     | 210 (H)     | 88         |
| 195/65R15     | 210 (H)     | 91         |
| 205/65R15     | 210 (H)     | 94         |
| 205/55R16     | 210 (H)     | 94         |
| 205/60R16     | 210 (H)     | 92         |



## Comfort and safety regardless of surface type



**Cordiant All-Terrain** easily withstands any weather conditions and is suitable for different type of road surface.

A combination of tread pattern features and modern rational design provides the excellent tyre safety, dynamics and comfort.



### Tread characteristics

**Good road-holding ability** due to a wide center rib.

**Excellent tyre traction properties on asphalt roads** and moderate cross country due to massive shoulder ribs comprising separate blocks.

**Excellent grip** due to tiny sipes, which improve water drainage in the contact patch area enhancing grip properties on moderate cross country and asphalt roads regardless of the weather conditions.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 205/70R15     | 210 (H)     | 100        |
| 235/75R15     | 180 (S)     | 109        |
| 215/65R16     | 210 (H)     | 98         |
| 215/70R16     | 210 (H)     | 100        |
| 225/70R16     | 210 (H)     | 103        |
| 235/60R16     | 190 (T)     | 104        |
| 245/70R16     | 190 (T)     | 111        |



## Cross country conqueror



**Cordiant Off-Road** provides reliability in most complex driving conditions, which ensures the driver's confidence.

Outstanding ability to pass obstacles of all kinds and excellent controllability in complex driving conditions: on sand, clay, mud and deep snow.

Increased resistance to external factors.



### Tread characteristics

Ability to pass any obstacles including deep track pits due to high-efficiency side cleats.

Excellent tread self-cleaning system able to remove dirt, snow and gravel due to unique expanding grooves.

Increased tyre flotation in most complex driving conditions (sand, clay, gravel, marshland) due to large multi-directional tread blocks.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 205/70R15     | 160 (Q)     | 96         |
| 235/75R15     | 160 (Q)     | 109        |
| 205/70R16     | 160 (Q)     | 97         |
| 215/65R16     | 160 (Q)     | 102        |
| 225/75R16     | 160 (Q)     | 104        |
| 245/70R16     | 160 (Q)     | 111        |



## New generation of winter tyres for light trucks



**Cordiant Business CW 2** – tyres engineered for use in severe winter conditions.

Maximum reliability and safety of commercial cargo and passenger transportation.

Main improvements in the development of **Cordiant Business CW 2** are maximum safety on winter road and better handling in icy conditions:

- High grip with the road surface on ice and snow – best braking performance in difficult road conditions.
- Increased course stability and handling.
- Low wear of the tread pattern by achieving the optimum combination of the width of the grooves and the size of tread pattern blocks.



### Tread characteristics

**Course stability improved by central groove** in the form of irregular zigzag, edge grooves securely hold the tyre on icy road. Handling and passability in deep snow increased by the circumferential grooves in the shape of an irregular zigzag.

**Microdrainage and grip in the contact patch** increased by the wave-shaped sipes located in the central and shoulder block. Reduced saturation of pattern blocks from the center to the edge of the tread improves the uniformity of tread wear.

**Increased passability in deep snow** in difficult winter road conditions due to the cross-cutting transverse grooves, expanding to the center and edges of the tread, which effectively drain water and snow from the contact patch.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 185R14C       | 160 (Q)     | 102/100    |
| 195/70R15C    | 170 (R)     | 104/102    |
| 205/70R15C    | 160 (Q)     | 106/104    |
| 225/70R15C    | 160 (Q)     | 112/110    |
| 195/75R16C    | 160 (Q)     | 107/105    |
| 205/75R16C    | 160 (Q)     | 113/111    |
| 215/65R16C    | 160 (Q)     | 109/107    |
| 215/75R16C    | 160 (Q)     | 116/114    |



## All-season tyres for light trucks and minibuses



The tyre tread pattern has been designed for light- trucks and intended for all-season driving.

The reinforced double-layer carcass of **Cordiant Business CA** ensured exceptional reliability during the tyre entire life. The homologation tests performed by our partners showed that **Cordiant Business CA** tyres provide a mileage of at least 100 000 km.\*

\* With observation of the tyre operating conditions included in the product-info on Cordiant website.



### Tread characteristics

#### Cost efficiency

The sipe and tyre groove configuration ensures tread blocks flexibility, reducing rolling resistance while maintaining the vehicle cornering stability.

#### Durability

The shoulder tread pattern reduces heat buildup in the tyre increasing the tyre life.

#### Safety

Zigzag grooves around the tyre periphery ensure good controllability on wet surfaces and reduce aquaplaning risk.



| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 195R14C       | 170 (R)     | 106/104    |
| 185R14C       | 170 (R)     | 102/100    |
| 215/70R15C    | 170 (R)     | 109/107    |
| 225/70R15C    | 170 (R)     | 112/110    |
| 185/75R16C*   | 160 (Q)     | 104/102    |
| 195/75R16C    | 170 (R)     | 107/105    |
| 205/65R16C    | 170 (R)     | 107/105    |
| 215/75R16C    | 170 (R)     | 113/111    |
| 225/75R16C    | 160 (Q)     | 121/120    |

\* Available in tube and tubeless designs.



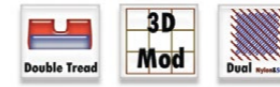
## Reliable summer tyres for light trucks



**Cordiant Business CS** guarantees extended life cycle and reliability.

Safe summer tyres for light trucks made for the specifics of bad roads.

The tyres provide excellent grip on any road surface.



### Tread characteristics

Excellent road-holding ability and controllability due to three central grooves.

Improved tyre flotation in complex driving conditions, increased tyre life due to large even tread blocks.

Excellent grip properties due to extra edges and an increased amount of sipes in tread pattern design.

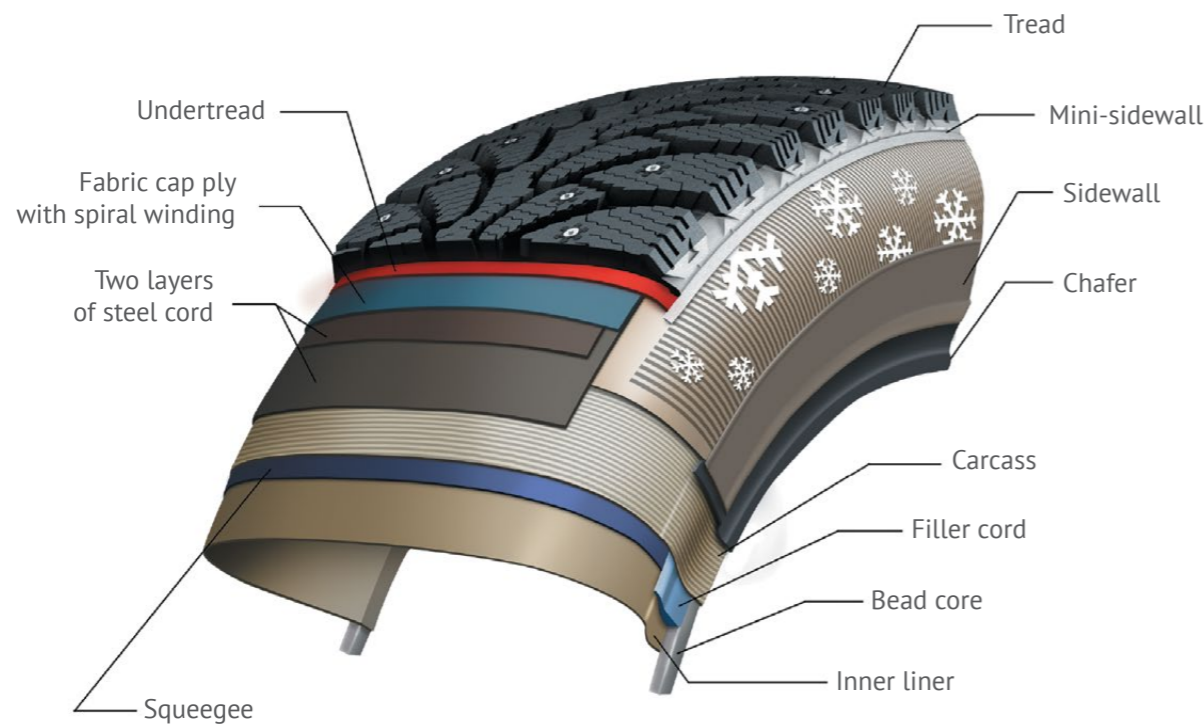


| Standard Size | Speed Index | Load Index |
|---------------|-------------|------------|
| 195/70R15C    | 170 (R)     | 104/102    |
| 205/70R15C    | 170 (R)     | 106/104    |
| 205/75R16C    | 170 (R)     | 110/108    |
| 215/65R16C    | 150 (P)     | 109/107    |



# Cordiant Technology

## Cordiant tyres: high-tech, multi-layer and durable design



The tread is a wear part of the tyre that comes into contact with the road. It is made of wear resistant rubber showing excellent grip characteristics on any road surfaces.

The undertread protects the steel cord breaker from damage. It is made of the rubber compound ensuring enhanced tyre controllability and lower fuel consumption. Studdable tyres are made of a rubber compound, which ensures higher stud retention reliability.

The two steel cord layers and the fabric cap ply with spiral winding ensure the tyre strength and reliability, puncture resistance,

controllability, shape stability, operational safety and speed endurance.

The carcass is made of polyester cord with lower elongation and enhanced strength, which ensures stable tyre dimensions, effective vibration absorption, shock stress reduction and operational reliability.

























The squeegee and the inner liner increase the tyre uniformity at shaping stage, ensure the impermeability of tubeless tyres and prevent the carcass rubber from being pressed out.

The bead core, which is made of high-strength wire, and the filler cord, which is made of rubber with increased hardness and strength properties, ensure the tyre tight fit on the rim and the smooth transition from the hard rim to the elastic sidewall, as well as provides for better controllability and increased safety.

The chafer, which contacts the rim, ensures better wear resistance and protects the tyre from mechanical damage, increasing the tyre controllability.

The sidewall and the mini-sidewall are made of elastic rubber compound with increased mechanical damage and ozone aging resistance.

The mini-sidewall ensures better tyre controllability in the process of turning and maneuvering, which is achieved due to smoother hardness change in the area of the sidewall/tread cap transition.

-  **3D Mod** is 3D computer modeling of tyres used to optimize the tread design, materials and tyre characteristics.
-  **Smart W** is a special winter rubber compound with perfectly balanced softness, traction, wear resistance and strength properties.
-  **SMART-MIX** is a unique carbon black and silica based compound, which improves the tyre – road grip significantly in comparison with the standard compound. SMART-MIX® technology allows to increase the tyre snow and ice grip by 7%.
-  **Rotation** is an oriented tread pattern ensuring good self-cleaning efficiency, high braking and grip performance, excellent controllability and road-holding ability of the vehicle.
-  **Zz Lamels** are Z-sipes. Additional edges and a highly siped tread pattern ensure the enhanced grip on snow- and ice-covered roads.
-  **Dual Nylon&Steel** is a combined tyre belt. Two high-strength steel cord layers and a fabric cord protective layer with spiral winding ensure the tyre strength and reliability, puncture resistance, controllability, shape stability, operational safety and speed endurance.
-  **Double Tread** is a two-layer tread design comprising the wear tread cap made of a special rubber compound and the undertread made of the rubber ensuring minimum hysteretic losses. The design provides for operational reliability, safety and efficiency.
-  **Uniq Studs** are unique star-shaped studs. The tyres are studded with double flange studs, the studding process being strictly controlled by the manufacturer. The studs ensure the enhanced safety on ice- and snow-covered roads. The studs are secured by means of double fixation and special anchoring.
-  **Indicators** are special indicators placed on the tyre surface to facilitate the break-in period control by the driver. After 500 to 600 km the special star-shaped indicators located at each stud bottom are rubbed off, which means that the break-in period is over and the tyres can now work with maximum performance.
-  **8 Stud Rows** - 8 rows of studs are installed on the tyre ensuring improved braking and acceleration dynamics on ice- and snow-covered roads.
-  **10 Stud Rows** - 10 rows of studs are installed on the tyre ensuring improved braking and acceleration dynamics on ice- and snow-covered roads.
-  **16 Stud Rows** - 16 rows of studs are installed on the tyre ensuring excellent braking and acceleration dynamics on ice- and snow-covered roads.
-  **SAS (Smart Asymmetric System)** is a specially developed asymmetric tread pattern, which provides excellent controllability and reduced braking distance on the snow.
-  **Contact with road** is the contact with the road surface. A larger contact patch allows to increase the traction coefficient, which results in braking distance reduction and the vehicle better controllability.
-  **Dissymmetric drawing** is an asymmetric tread pattern, which ensures faster water removal from the contact patch and excellent grip even at most complex turns.
-  **Improved water drainage** from the contact patch allows to improve the vehicle controllability on wet roads.
-  **Indicator** is a tread wear indicator, which facilitates the remaining tread depth monitoring allowing to control the tyre condition.
-  **Sport Mix** is a new tread rubber compound based on the combination of butadiene-styrene and diene rubbers containing an increased amount of silica, which allows to reduce the new tyre rolling resistance by 10%.
-  **Speed-Cor** is a new sports design with longitudinal and lateral rigidity increased by 10%, which significantly improves steering response, road-holding ability and high-speed controllability.
-  **DRY-COR** is a technology used to achieve extra precise vehicle control while driving. Stiff shoulder ribs prevent the tyre cornering deformation, preserving contact patch and tyre grip stability and allowing to avoid skidding / spinning.
-  **WET-COR** is a technology used for reliable and safe driving on wet roads during rainy weather. The oriented tread pattern effectively squeezes the water out of the contact patch, the polished drainage grooves remove the main water flow, and the wider tyre tread allows to increase the contact patch area and the tyre traction coefficient.
-  **ICE-COR** includes 16 stud rows, which are arranged asymmetrically to alternately come into contact with the road, with at least 10 studs constantly covered by the contact patch, thus preventing the tyre slipping in any direction.
-  **SNOW-COR** provides an oriented tread pattern in form of beams radiating from the tyre center, which allows to squeeze snow and water from the contact patch.
-  **SPIKE-COR** - The unique design of the spike body prevents its rotation in the tyre, increasing the reliability of the spike and providing improved grip on winter road. Octagonal shape of the core made of tungsten carbide due to the increased number of edges improves traction characteristics on winter road.



## WINTER TYRES

| Standard Size     | Speed Index | Load Index |
|-------------------|-------------|------------|
| <b>SNOW CROSS</b> |             |            |
| 155/70R13         | 160 (Q)     | 75         |
| 175/70R13         | 190 (T)     | 82         |
| 175/65R14         | 190 (T)     | 82         |
| 185/60R14         | 190 (T)     | 82         |
| 185/65R14         | 190 (T)     | 86         |
| 185/70R14         | 190 (T)     | 92         |
| 185/60R15         | 190 (T)     | 84         |
| 185/65R15         | 190 (T)     | 92         |
| 195/55R15         | 190 (T)     | 89         |
| 195/60R15         | 190 (T)     | 92         |
| 195/65R15         | 190 (T)     | 91         |
| 205/65R15         | 190 (T)     | 99         |
| 205/70R15         | 190 (T)     | 100        |
| 195/55R16         | 190 (T)     | 91         |
| 205/55R16         | 190 (T)     | 94         |
| 205/60R16         | 190 (T)     | 96         |
| 215/55R16         | 190 (T)     | 97         |
| 215/60R16         | 190 (T)     | 95         |
| 215/65R16         | 190 (T)     | 102        |
| 215/70R16         | 190 (T)     | 100        |
| 225/70R16         | 190 (T)     | 107        |
| 235/70R16         | 190 (T)     | 106        |
| 245/70R16         | 190 (T)     | 107        |
| 215/50R17         | 190 (T)     | 95         |
| 215/55R17         | 190 (T)     | 98         |
| 215/60R17         | 190 (T)     | 100        |
| 225/45R17         | 190 (T)     | 94         |
| 225/50R17         | 190 (T)     | 98         |
| 225/55R17         | 190 (T)     | 101        |
| 225/60R17         | 190 (T)     | 103        |
| 225/65R17         | 190 (T)     | 106        |
| 235/55R17         | 190 (T)     | 103        |
| 235/65R17         | 190 (T)     | 108        |
| 265/65R17         | 190 (T)     | 116        |
| 225/55R18         | 190 (T)     | 102        |
| <b>SNO-MAX</b>    |             |            |
| 155/65R13         | 190 (T)     | 73         |
| 175/70R13         | 160 (Q)     | 82         |
| 175/65R14         | 190 (T)     | 82         |
| 185/60R14         | 190 (T)     | 82         |
| 185/65R14         | 190 (T)     | 86         |
| 195/65R15         | 190 (T)     | 91         |
| 205/60R15         | 190 (T)     | 91         |
| 205/65R15         | 190 (T)     | 94         |
| 205/55R16         | 190 (T)     | 94         |
| 205/60R16         | 190 (T)     | 96         |
| 215/55R16         | 190 (T)     | 97         |

| Standard Size       | Speed Index | Load Index |       |    |     |
|---------------------|-------------|------------|-------|----|-----|
| <b>WINTER DRIVE</b> |             |            |       |    |     |
| 155/70R13           | 190 (T)     | 75         | 70 dB | )  | E E |
| 175/70R13           | 190 (T)     | 82         | 71 dB | )  | E E |
| 175/65R14           | 190 (T)     | 82         | 72 dB | )) | E E |
| 175/70R14           | 190 (T)     | 84         | 71 dB | )  | E E |
| 185/60R14           | 190 (T)     | 82         | 71 dB | )  | E E |
| 185/70R14           | 190 (T)     | 88         | 71 dB | )  | E E |
| 185/65R15           | 190 (T)     | 92         | 70 dB | )  | F E |
| 195/65R15           | 190 (T)     | 91         | 71 dB | )  | F E |
| 205/65R15           | 190 (T)     | 94         | 72 dB | )  | E E |
| 195/60R15           | 190 (T)     | 88         | 71dB  | )  | E E |
| 195/55R15           | 190 (T)     | 85         | 71 dB | )  | E E |
| 205/55R16           | 190 (T)     | 94         | 71 dB | )  | F E |
| 205/60R16           | 190 (T)     | 96         | 72 dB | )  | E E |
| 215/65R16           | 190 (T)     | 102        | 74 dB | )) | E E |
| 215/70R16           | 190 (T)     | 100        | 74 dB | )) | F E |
| 215/55R17           | 190 (T)     | 98         | 74 dB | )) | E F |
| <b>POLAR SL</b>     |             |            |       |    |     |
| 175/70R13           | 160 (Q)     | 82         | 70 dB | )  | F E |
| 175/65R14           | 160 (Q)     | 82         | 70 dB | )  | F E |
| 185/65R14           | 160 (Q)     | 86         | 70 dB | )  | F E |
| 185/60R14           | 190 (T)     | 82         | 70 dB | )  | F E |
| 195/65R15           | 190 (T)     | 91         | 70 dB | )  | F E |
| 205/55R16           | 190 (T)     | 94         | 71 dB | )  | F E |
| 215/65R16           | 190 (T)     | 102        | 74 dB | )) | F E |

## SUMMER TYRES

| Standard Size      | Speed Index | Load Index |       |    |     |
|--------------------|-------------|------------|-------|----|-----|
| <b>SPORT 3</b>     |             |            |       |    |     |
| 195/55R15          | 240 (V)     | 85         | 71 dB | )  | B F |
| 195/60R15          | 240 (V)     | 88         | 71 dB | )  | B F |
| 195/65R15          | 240 (V)     | 91         | 71 dB | )  | B F |
| 205/65R15          | 240 (V)     | 94         | 71 dB | )  | B F |
| 205/55R16          | 240 (V)     | 91         | 71 dB | )  | B F |
| 205/65R16          | 240 (V)     | 95         | 71 dB | )  | B F |
| 205/60R16          | 240 (V)     | 92         | 71 dB | )  | B F |
| 215/55R16          | 240 (V)     | 93         | 71 dB | )  | B F |
| 225/55R16          | 240 (V)     | 95         | 68 dB | )  | C F |
| 215/55R17          | 240 (V)     | 98         | 71 dB | )  | B F |
| 225/45R17          | 240 (V)     | 94         | 71 dB | )  | B F |
| 225/50R17          | 240 (V)     | 98         | 71 dB | )  | B F |
| 225/65R17          | 240 (V)     | 106        | 71 dB | )  | B F |
| 235/65R17          | 240 (V)     | 108        | 71 dB | )  | B F |
| 225/55R18          | 240 (V)     | 102        | 71 dB | )  | B F |
| 225/65R17          | 210 (H)     | 106        | 70 dB | )  | E E |
| 235/65R17          | 210 (H)     | 108        | 70 dB | )  | E E |
| 265/65R17          | 240 (V)     | 116        | 70 dB | )  | A F |
| 225/55R18          | 240 (V)     | 102        | 70 dB | )  | E F |
| 235/60R18          | 240 (V)     | 107        | 70 dB | )  | B F |
| 255/55R18          | 240 (V)     | 109        | 71 dB | )  | F B |
| <b>SPORT 2</b>     |             |            |       |    |     |
| 175/70R13          | 210 (H)     | 82         | 70 dB | )  | E E |
| 175/65R14          | 210 (H)     | 82         | 70 dB | )  | E E |
| 185/60R14          | 210 (H)     | 82         | 70 dB | )  | A F |
| 185/65R14          | 210 (H)     | 86         | 70 dB | )  | E F |
| 185/60R15          | 210 (H)     | 84         | 70 dB | )  | B F |
| 195/60R15          | 210 (H)     | 88         | 70 dB | )  | E F |
| 195/55R15          | 210 (H)     | 85         | 70 dB | )  | A F |
| 195/65R15          | 210 (H)     | 91         | 70 dB | )  | C E |
| 205/65R15          | 210 (H)     | 94         | 70 dB | )  | E E |
| 205/55R16          | 240 (V)     | 91         | 72 dB | )  | E E |
| 205/60R16          | 240 (V)     | 92         | 72 dB | )) | E F |
| 215/55R16          | 240 (V)     | 93         | 71 dB | )  | C F |
| 215/60R16          | 240 (V)     | 99         | 72 dB | )) | E E |
| <b>ROAD RUNNER</b> |             |            |       |    |     |
| 155/70R13          | 190 (T)     | 75         | 69 dB | )  | E F |
| 175/70R13          | 210 (H)     | 82         | 70 dB | )  | E F |
| 175/65R14          | 210 (H)     | 82         | 70 dB | )  | E F |
| 185/60R14          | 210 (H)     | 82         | 70 dB | )  | C F |
| 185/65R14          | 210 (H)     | 86         | 70 dB | )  | C F |
| 185/70R14          | 210 (H)     | 88         | 70 dB | )  | C F |
| 185/65R15          | 210 (H)     | 88         | 70 dB | )  | C E |
| 195/65R15          | 210 (H)     | 91         | 69 dB | )  | C E |
| 205/65R15          | 210 (H)     | 94         | 70 dB | )  | C F |
| 205/55R16          | 210 (H)     | 94         | 71 dB | )  | C F |
| 205/60R16          | 210 (H)     | 92         | 70 dB | )  | C F |
| <b>ALL-TERRAIN</b> |             |            |       |    |     |
| 205/70R15          | 210 (H)     | 100        | 74 dB | )) | C G |
| 215/65R16          | 210 (H)     | 98         | 74 dB | )) | C G |
| 215/70R16          | 210 (H)     | 100        | 74 dB | )) | C G |
| 225/70R16          | 210 (H)     | 103        | 74 dB | )) | C G |
| 235/75R15          | 180 (S)     | 109        | 72 dB | )) | C G |
| 235/60R16          | 190 (T)     | 104        | 74 dB | )) | C G |
| 245/70R16          | 190 (T)     | 111        | 74 dB | )) | C G |
| <b>OFF-ROAD</b>    |             |            |       |    |     |
| 205/70R15          | 160 (Q)     | 96         | 77 dB | )) | C G |
| 205/70R16          | 160 (Q)     | 97         | 77 dB | )) | C G |
| 235/75R15          | 160 (Q)     | 109        | 77 dB | )) | C G |
| 215/65R16          | 160 (Q)     | 102        | 77 dB | )) | C G |
| 225/75R16          | 160 (Q)     | 104        | 77 dB | )) | C G |
| 245/70R16          | 160 (Q)     | 111        | 77 dB | )) | C G |

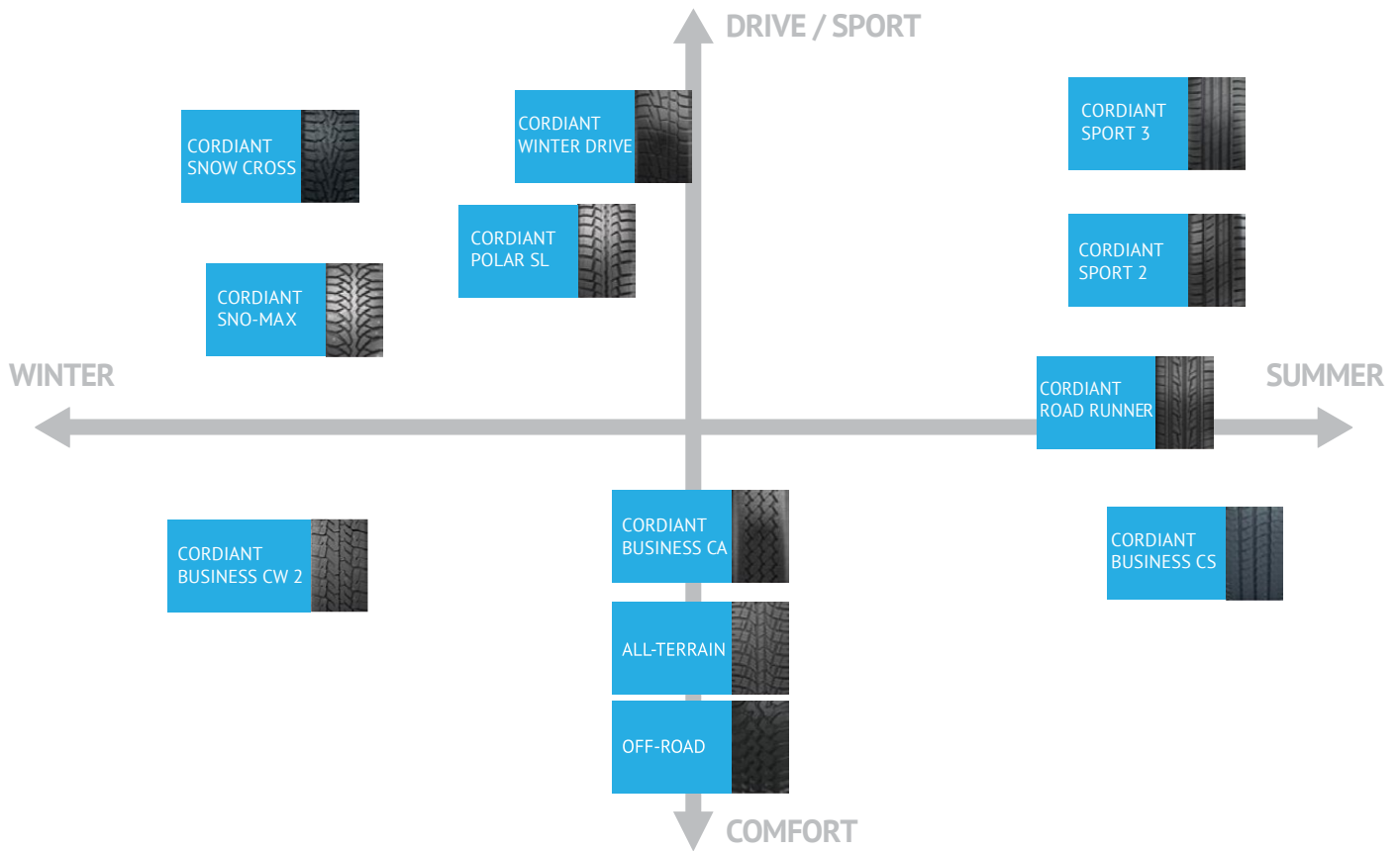
## LIGHT TRUCK TYRES

| Standard Size        | Speed Index | Load Index |       |    |     |
|----------------------|-------------|------------|-------|----|-----|
| <b>BUSINESS CW 2</b> |             |            |       |    |     |
| 185R14C              | 160 (Q)     | 102/100    |       |    |     |
| 195/70R15C           | 170 (R)     | 104/102    |       |    |     |
| 205/70R15C           | 160 (Q)     | 106/104    |       |    |     |
| 225/70R15C           | 161 (Q)     | 112/110    |       |    |     |
| 195/75R16C           | 162 (Q)     | 107/105    |       |    |     |
| 205/75R16C           | 163 (Q)     | 113/111    |       |    |     |
| 215/65R16C           | 164 (Q)     | 109/107    |       |    |     |
| 215/75R16C           | 165 (Q)     | 116/114    |       |    |     |
| <b>BUSINESS CA</b>   |             |            |       |    |     |
| 185R14C              | 170 (R)     | 102/100    | 72 dB | )  | B E |
| 195R14C              | 170 (R)     | 106/104    | 72 dB | )  | B E |
| 215/70R15C           | 170 (R)     | 109/107    | 72 dB | )  | B E |
| 225/70R15C           | 170 (R)     | 112/110    | 72 dB | )  | B E |
| 185/75R16C           | 160 (Q)     | 104/102    | 72 dB | )  | B E |
| 195/75R16C           | 170 (R)     | 107/105    | 72 dB | )  | B E |
| 205/65R16C           | 170 (R)     | 107/105    | 72 dB | )  | B E |
| 215/75R16C           | 170 (R)     | 113/111    | 72 dB | )  | B E |
| 225/75R16C           | 160 (Q)     | 121/120    | 72 dB | )  | B E |
| <b>BUSINESS CS</b>   |             |            |       |    |     |
| 195/70R15C           | 170 (R)     | 104/102    | 73 dB | )) | C F |
| 205/70R15C           | 170 (R)     | 106/104    | 73 dB | )) | C F |
| 205/75R16C           | 170 (R)     | 110/108    | 73 dB | )) | C F |
| 215/65R16C           | 150 (P)     | 109/107    | 73 dB | )) | C F |



# Cordiant: when road grip comes natural

## Passenger car and light truck tyres



## Tyres for all-wheel drive vehicles

| WINTER TYRES                |  |  |   |
|-----------------------------|--|--|---|
| <b>CORDIANT SNO-MAX</b>     | Winter studded tyres - 80% highway, 20% off road                             | <b>CORDIANT WINTER DRIVE</b>                     | Winter friction tyres - 80% highway, 20% off road |
| <b>CORDIANT POLAR SL</b>    | Winter friction tyres - 80% highway, 20% off road                            | <b>CORDIANT SNOW CROSS</b>                       | Winter studded tyres - 80% highway, 20% off road  |
| SUMMER TYRES                |  |  |   |
| <b>CORDIANT SPORT 3</b>     | SUMMER TYRES<br>80% highway, 20% off road                                    |  |   |
| ALL-SEASON TYRES            |  |  |   |
| <b>CORDIANT ALL-TERRAIN</b> | All-season tyres for all types of road surfaces<br>50% highway, 50% off road |  |   |
|                             | <b>CORDIANT OFF-ROAD</b>   | Unpaved roads, dirt<br>80% off road, 20% highway |   |