

# YOKOHAMA

SUMMER TYRE CATALOGUE 2023

▶ PCR / SUV / LIGHT COMMERCIAL VEHICLES + ALL SEASON





# This is YOKOHAMA

## The Global Tyre Brand since 1917

The YOKOHAMA Rubber Group is composed of the YOKOHAMA Rubber Co., Ltd. and 110 subsidiaries, and 34 affiliates around the world.

### Original Equipment

YOKOHAMA tyres have been adopted worldwide by car manufacturers with a global reputation and in a wide range of vehicle categories, being the Tyre supplier for premium cars.



### Winning in Red and Black

Under the colours red and black, YOKOHAMA's range of ADVAN Tyres can supply the tyres for World Championships and International top level Motorsport competitions.

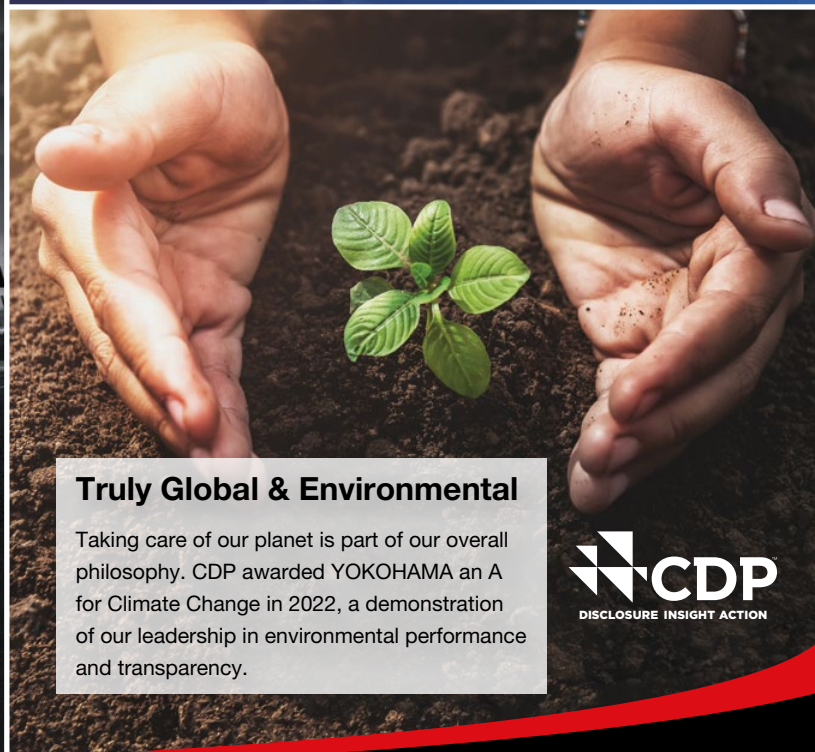


### The BluEarth Concept

BluEarth. The Product Engineering Philosophy, which focuses on the idea of responsibility towards the Environment and Society constantly.



Our Philosophy, to keep the focus on the responsibility towards the Environment and Society.



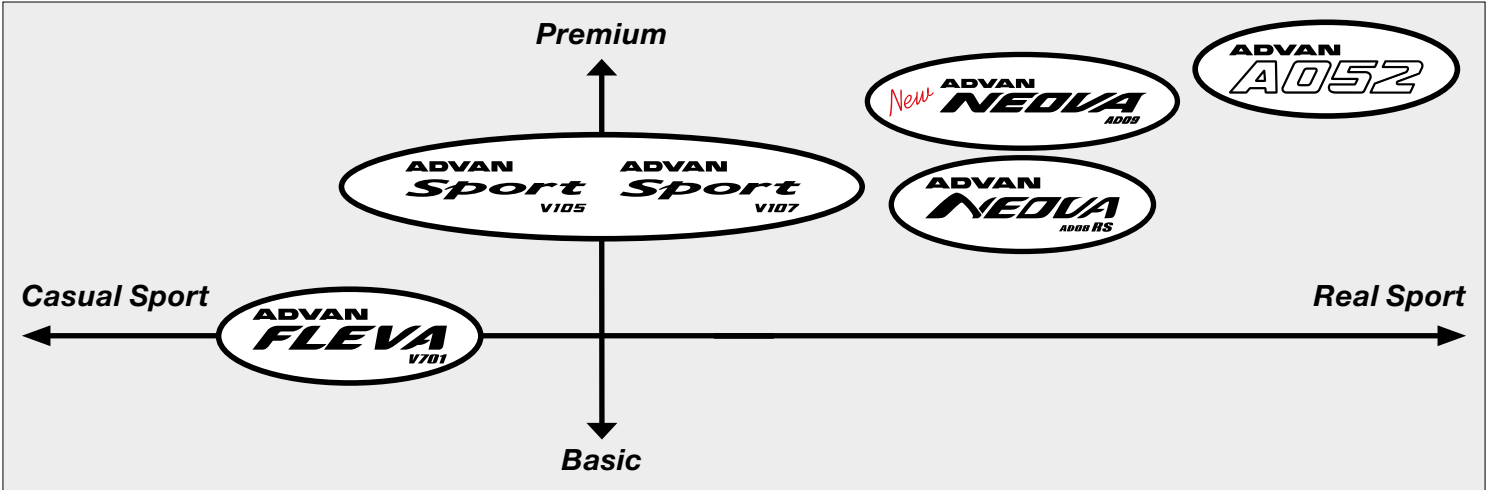
### Truly Global & Environmental

Taking care of our planet is part of our overall philosophy. CDP awarded YOKOHAMA an A for Climate Change in 2022, a demonstration of our leadership in environmental performance and transparency.

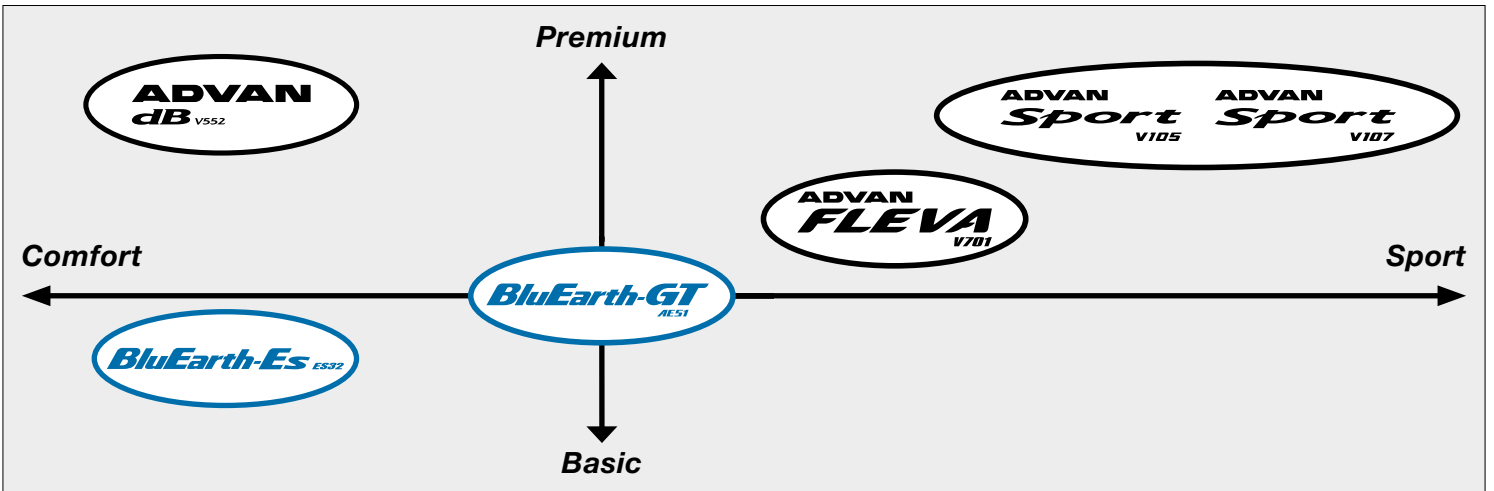




# YOKOHAMA High Performance Tyres

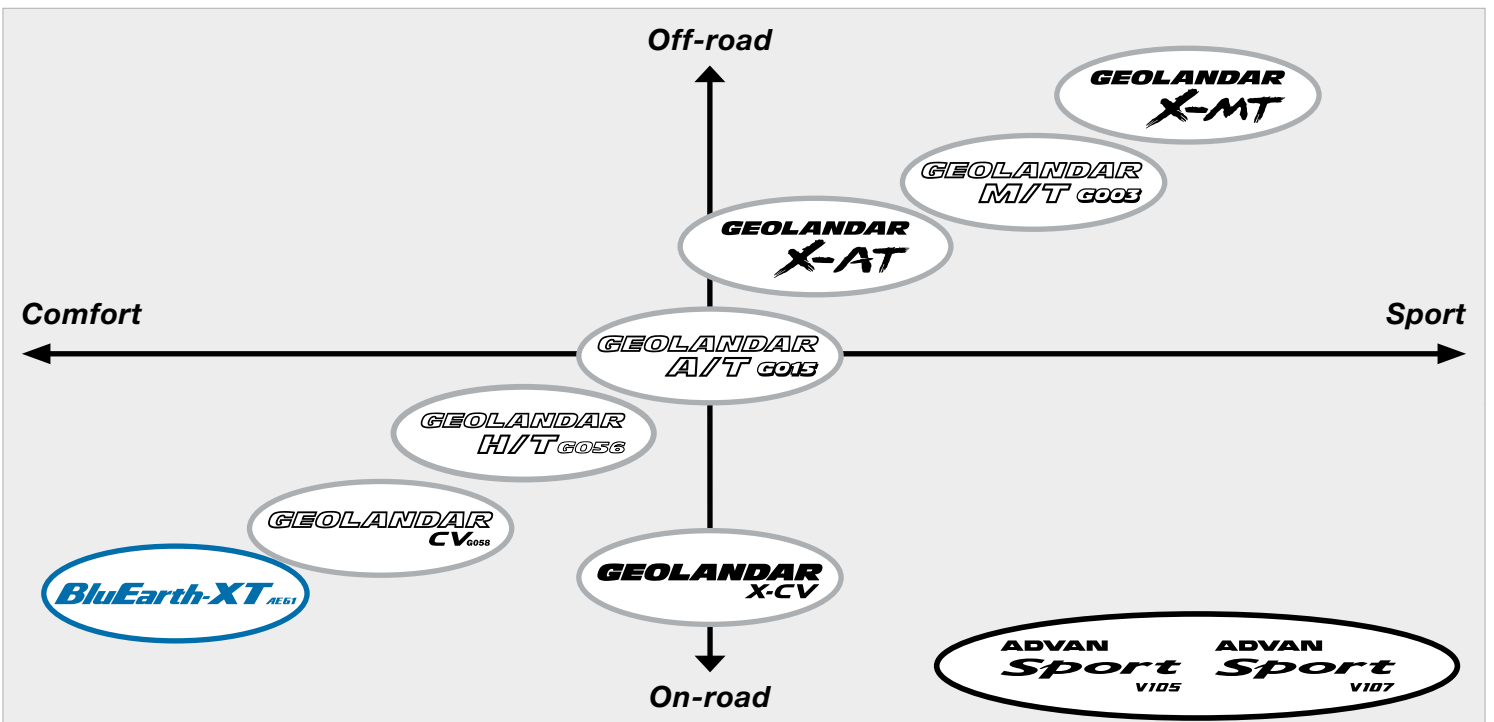
For Sports Cars 



For Sedan, Coupé, Compact Cars   



For SUVs, CUVs, 4x4  



The availability of products and the special size range offered can vary from country to country.

For detailed information about the available products and sizes offered in your country, the EU Tyre Label, tyre labeling data and further technical data, please see the corresponding sections in this catalogue or price list respectively or contact your local distributor or dealer. For basic information, you can also refer to the YOKOHAMA website [www.yokohama.eu](http://www.yokohama.eu) (not for country specific product and size availability).





***GO BEYOND YOURSELF***

**ADVAN**  
***NEOVA***  
***AD09***

For information about the EU Tyre Label, tyre labelling data and further technical details, see the corresponding sections inside this catalogue or price list respectively. You can also refer to the YOKOHAMA website [www.yokohama.eu](http://www.yokohama.eu) (not for country specific product and size availability).

 **YOKOHAMA**



# The Street Tyre for custom-tuned cars

**New**



AD09

Please see table section for available sizes.

## ADVAN NEOVA AD09

EU Label Range	
Fuel Efficiency Class	D
Wet Grip Class	A
External Rolling Noise Class and Measured Value (dB)	B 70-74
Series: 30% - 50%	Inches: 21 - 17

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

Some Sizes are waiting for final labeling results.

### IMPORTANT CARE AND USAGE INSTRUCTIONS FOR ADVAN NEOVA AD09:

This tyre was developed using high performance compounds which become brittle at low temperatures, and therefore should not be used in certain conditions. The tyre thus must be stored or used only at temperatures at or above 14° F (minus 10° C) to maintain performance characteristics and to avoid any damage to the tyres or injury to persons or property.

### Application: Club racers, Sport cars, Tuning cars

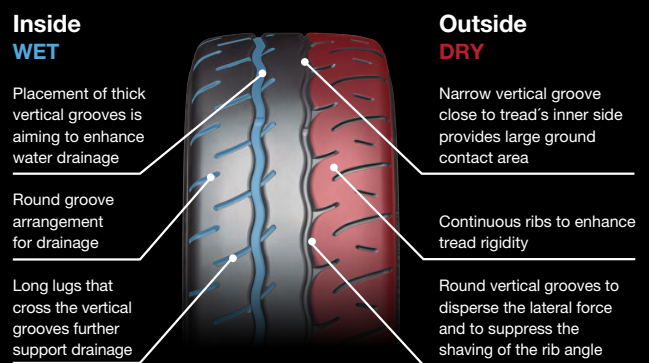
#### Benefits

- Dry performance, solid dry grip
- Controllability
- Long lasting circuit wear
- Cool, unique, original NEOVA design

#### Features

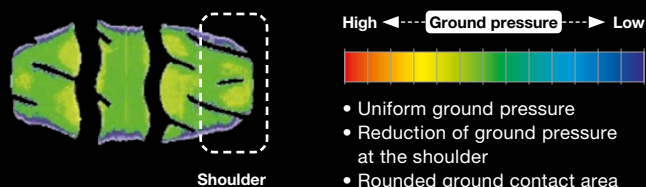
- New asymmetric tread pattern
- New structure with improved casing rigidity
- Modern-looking side design

### Meticulously designed new Tread Pattern



### Control and grip in cornering

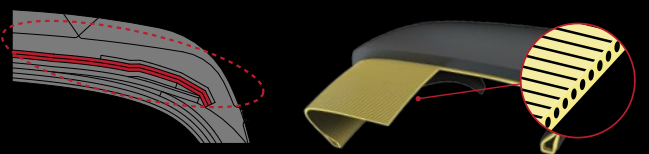
Shape of Ground Contact Area



The load is concentrated on the outside ribs when cornering, so it is important to disperse the load. YOKOHAMA technology is aiming for load dispersion, tyre control and tyre life at the same time.

When cornering

### Casing rigidity



Belt rigidity is achieved by two layers in the center part and three layers in the shoulder part.

In the carcass cross-section thickness and a high number of cords support the rigidity.





For information about the EU Tyre Label, tyre labelling data and further technical details, see the corresponding sections inside this catalogue or price list respectively. You can also refer to the YOKOHAMA website [www.yokohama.eu](http://www.yokohama.eu) (not for country specific product and size availability).



# Sporty performance with premium comfort and design

## ADVAN Sport V107



V107

Please see table section for available sizes.

EU Label Range	
Fuel Efficiency Class	A-D
Wet Grip Class	A-B
External Rolling Noise Class and Measured Value (dB)	A-B 68-73
Series: 25% - 60%	Inches: 23 - 18

These values are for the full size range of this product, including Passenger Car & Premium SUV Tyres. The special size range offered can vary from country to country.

For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

### OE approved vehicles

(stand: 01/2023)

- BMW 7 series
- iX3, X3, X4, X5 MPA, X6 MPA
- BMW M
- M4, M3, M3 Touring
- MERCEDES-AMG
- EQS (BR297), GLA (H247), GLB (X247), GLE (W167), GLS (X167)
- PORSCHE
- Cayenne (E3PA)

### Application: Ultra-high-performance Sedans & Coupé, EVs and SUVs

#### Benefits

- Ensuring high levels of reactivity, providing precise steering with driving stability when cornering, even at high speed
- Premium touch, stylish dark design effect on the sidewall
- Solid dry grip and wet braking

#### Features

- Exclusive Tread Pattern
- Improved Mound Profile
- Matrix Body Ply Structure – High-rigidity rayon carcass material
- Power Crown Belt Cover
- Special Compound – Ultra Micro Silica + Silica dispersed material

### Tread Pattern

#### Silent sipes

Thin slits positioned on the inside of the ribs suppress external vehicle noise.



#### Variable Width Circumferential Grooves (Wider 3+1 main grooves)

Aiming to reduce hydroplaning risk at high speeds.

#### High-rigidity Wide Shoulder

Improves pattern rigidity at ultra-high speeds, aiming for powerful grip on dry.



IN

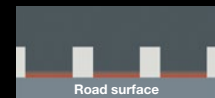
OUT

#### Mound Profile

Optimises cross-sectional shape to ensure uniform ground contact pressure, in order to enhance stability at high speeds.



Before contact with road surface



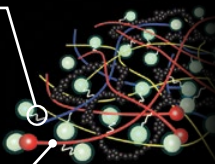
After contact with road surface

### Special Compound

Grip performance through Ultra Micro Silica + Silica dispersed material.

#### Silane coupling agent

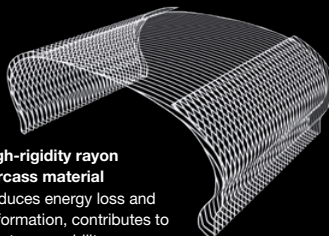
Adopting silane coupling agent, finely-balanced Silica aiming to improve wet grip.



**Functionalised polymer + high strength polymer**  
Highly-strengthened and highly dispersive polymer aiming to improve dry and wet performance.

### Matrix body ply structure

Steering precision without compromising comfort. Contributes to performance on DRY, conveying power to the road's surface.

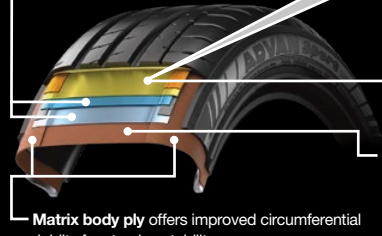


#### High-rigidity rayon carcass material

Reduces energy loss and deformation, contributes to greater operability.

### The V107 structure

**High rigidity steel belts** to prevent the carcass from turning up at high speeds and to improve stability.



#### Power Crown Belt Cover

of highly rigid aramid fiber is used to improve steering stability on dry roads.

**Rayon body ply** within the tyre body meets the demands of European car manufacturers for Original Equipment Tyres.

# Ultra Sport with Luxury



V105S

Please see table section for available sizes.

# ADVAN Sport V105



Depend on sizes

EU Label Range	
Fuel Efficiency Class	B-D
Wet Grip Class	A-C
External Rolling Noise Class	A-B
and Measured Value (dB)	69-75
Series: 20% - 65%	Inches: 23 - 16

These values are for the full size range of this product, including Passenger Car & Premium SUV Tyres. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

OE approved vehicles (stand: 01/2023)	
AUDI	
RS6 (C7), RS7 (C7), TTS (TT3), TT RS (TT3)	
BMW	
X3, X3 MPA, X4, X4 MPA	
BMW M	
M5	
FIAT	
124 Spider	
LOTUS	
Elise (Sport/Sport 220/Sprint/Sprint 220)	
MAZDA	
MX-5	
MERCEDES-BENZ	
A-Class (W176), B-Class (W246), C-Class (BR205), C-Class (BR204), CLA (C117), CLS (C218), CLS-Shooting Brake (X218), GLC (X253), S-Class (BR222), S-Class Coupé (C217), SL (R231), SLC (R172)	
MERCEDES-AMG	
CLS (C257), E-Class (BR213)	
PORSCHE	
718 Boxter (982), 718 Cayman (982), 911 Carrera (991 II), Panamera (G1 II), Panamera (G2), Cayenne (E2 II), Cayenne (E3)	
SUBARU	
Impreza, WRX (STI)	

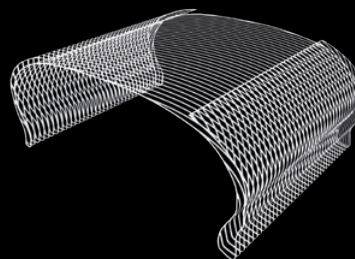
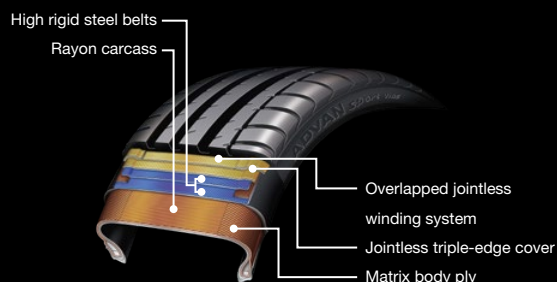
## Application: Premium cars, High performance cars

### Benefits

- A perfect balance of sport and comfort
- Solid wet grip and stability
- Grip and high stability during cornering
- OE approved quality

### Features

- The YOKOHAMA advanced technologies for sport and comfort
- Born through joint developments with premium high performance car manufacturers



Matrix Body-Ply Construction



# Breathtaking Silence for BEV and PHEV



V552

## ADVAN dB V552

EU Label Range	
Fuel Efficiency Class	C
Wet Grip Class	A-B
External Rolling Noise Class and Measured Value (dB)	A-B 67-71
Series: 35% - 65%	Inches: 21 - 15

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

Please see table section for available sizes.

### Application: BEV, PHEV

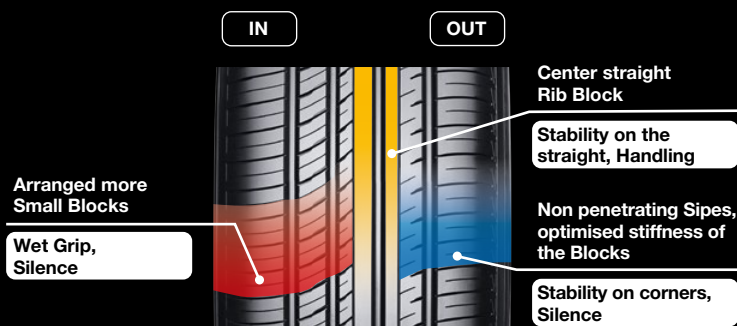
#### Benefits

- Breathtaking Silence
- Comfortable Ride

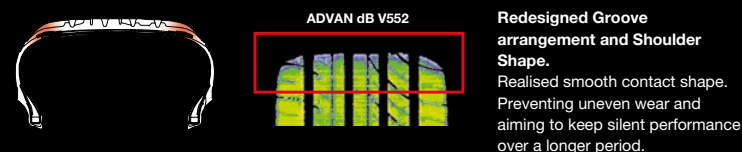
#### Features

- Sophisticated Small Block Design
- Redesigned Silent Tyre Structure
- Sidewall Profile Shape
- Shoulder Profile Shape

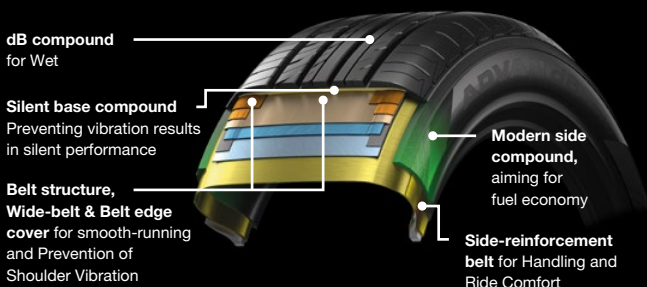
### Sophisticated Small Block Design



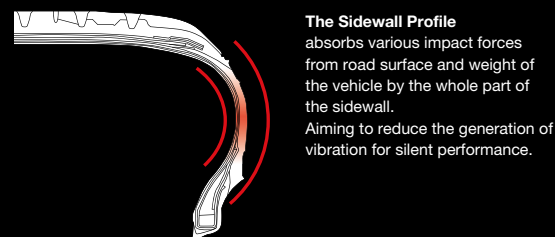
### Shoulder Profile Shape



### Redesigned structure for smooth-running



### Sidewall Profile Shape



# Giving the pleasure to control



V701

# ADVAN FLEVA V701

EU Label Range	
Fuel Efficiency Class	C-D
Wet Grip Class	A
External Rolling Noise Class and Measured Value (dB)	A-B 67-72
Series: 30% - 50%	Inches: 20 - 15

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

Please see table section for available sizes.

**Application:** Lightly-Tuned and Sporty cars as well as Standard sedan and compacts

### Benefits

- Cool & Attractive Pattern Design
- Emotional Handling
- Sport Tyre with focus on noise reduction

### Features

- Optimisation of steering stability and ground contact
- Claw Grooves
- Wide Sword Grooves
- Lightning-shaped Straight Grooves

### 2 in 1 contrasting pitch



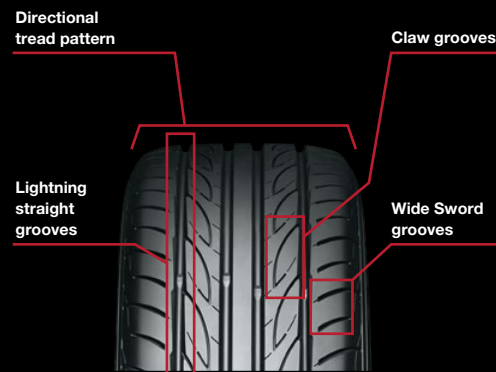
Increased tread pattern stiffness realizes a more direct feeling to handling. Optimised ground contact area. Aim is to enhance ride quietness.

### Sporty Tyre with focus on noise reduction



Non-penetrating lug grooves aim to reduce noise. The blocks increase the stiffness to improve the direct handling and to reduce friction.

### Wet Grip



### Directional tread pattern

A directional pattern with more edges facing the road surface offers an attractive and aggressive look and aims to enhance water evacuation.

### Claw grooves

The claw grooves push aside water at corners. The groove design increases effective groove length.

### Lightning straight grooves

The main grooves have more edge components through a lightning-shaped design. This to improve traction and hydroplaning resistance.

### Wide Sword grooves

The lug grooves have more edge components. The non-penetrating Lug Groove increases block stiffness to enhance the handling.



# Street Legal, Track Ready



A052

Please see table section for available sizes.

## ADVAN A052

### OE approved vehicles

(stand: 01/2023)

Lotus  
Elise (Cup 250)

### EU Label Range

Fuel Efficiency Class	D
Wet Grip Class	A-C
External Rolling Noise Class and Measured Value (dB)	B 69-73
Series: 30% - 60%	Inches: 20 - 13

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

**Application:** Semi-Slick with racing performance

### Benefits

- High sport performance on a dry track
- Powerful cornering capability
- The street-legal tyre complies with European standard for rolling resistance

### Features

- Asymmetric, high rigidity tread pattern
- Specially developed Sport Compound

High-rigidity Tread Rib



Straight Thin Groove



Two Straight Grooves



Adapted Mound-Profile



### IMPORTANT CARE AND USAGE INSTRUCTIONS FOR ADVAN A052 AND ADVAN NEOVA AD08RS:

The tyres were developed using high performance compounds which become brittle at low temperatures, and therefore should not be used in certain conditions. The tyres thus must be stored or used only at temperatures at or above 14°F (minus 10°C) to maintain performance characteristics and to avoid any damage to the tyres or injury to persons or property.

# Gripping Performance



AD08RS

Please see table section for available sizes.

## ADVAN NEOVA AD08RS

### EU Label Range

Fuel Efficiency Class	D
Wet Grip Class	B-C
External Rolling Noise Class and Measured Value (dB)	B 70-72
Series: 30% - 60%	Inches: 19 - 14

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

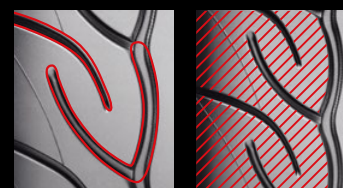
**Application:** Street-legal tuning cars and club racers

### Benefits

- The fine-tuned compound for sporty feeling and performance
- The street-legal tyre complies with European standard for rolling resistance
- Stability and fast response during high-speed driving

### Features

- Sequential Round Groove for long-life grip
- Uni-block Shoulder for rigidity of the tread
- Groove-in-Groove for even wear and stability



Sequential Round Groove Uni-block Shoulder

# Grand Touring Spirit

## BluEarth-GT AE51



AE51

Please see table section for available sizes.



EU Label Range	
Fuel Efficiency Class	B-C
Wet Grip Class	A-C
External Rolling Noise Class and Measured Value (dB)	A-B 67-71
Series: 30% - 65%	Inches: 20-14

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

OE approved vehicles (stand: 01/2023)	
MAZDA CX-30, Mazda 2, Mazda 3	
TOYOTA Camry, Prius	
LEXUS ES	

**Application:** Grand and Mid Tourers, Luxury Cars, Premium Compact Cars

### Benefits

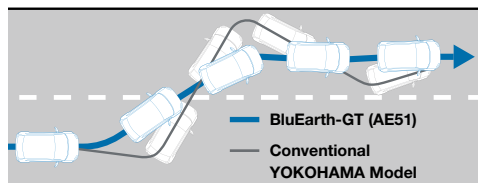
- Driving Stability at highspeed
- Solid wet grip
- Fuel Saving Properties

### Features

- High-rigidity, asymmetric pattern for spirited driving
- Advanced Construction achieves both light weight and high durability
- Evolved Compound & honed profile

### Straight-line Performance

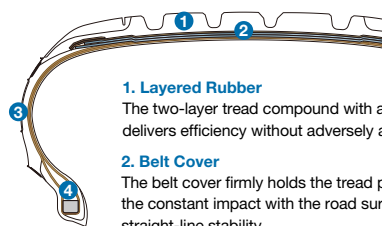
Eliminates Wobble During Lane Changes.



The construction aims to improve the overall balance of performance as well as High-Speed Stability. The result is a sharp steering response.

### Construction

AE51's construction achieves light weight and high durability.



#### 1. Layered Rubber

The two-layer tread compound with an advanced bottom rubber layer, delivers efficiency without adversely affecting the tread's grip performance.

#### 2. Belt Cover

The belt cover firmly holds the tread portion, which must withstand the constant impact with the road surface, to maintain rigidity and straight-line stability.

#### 3. Turn-up Carcass Construction

The tyre's construction - with the carcass tightly wound up to the shoulder to create a two-layer sidewall - achieves both light weight and high rigidity.

#### 4. Bead Fillers

Bead fillers maintain sidewall stiffness. Different types of rubber were developed, component by component, with the goal of improving overall performance.

### Asymmetric Pattern

Emphasizing Ride Comfort Inside, Steering Stability Outside.

The rigidity of the inside shoulder was tuned with fine grooves in a circumferential direction, for a smoother ride and greater comfort. A blind groove was adopted for the wide rib on outside shoulder, increasing rigidity.





# The Quality Standard Tyre

## BluEarth-Es ES32



ES32

Please see table section for available sizes.



EU Label Range	
Fuel Efficiency Class	C
Wet Grip Class	B-C
External Rolling Noise Class and Measured Value (dB)	A-B 68
Series: 40% - 70%	Inches: 18-13

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

**Application:** Compact cars, Small family cars

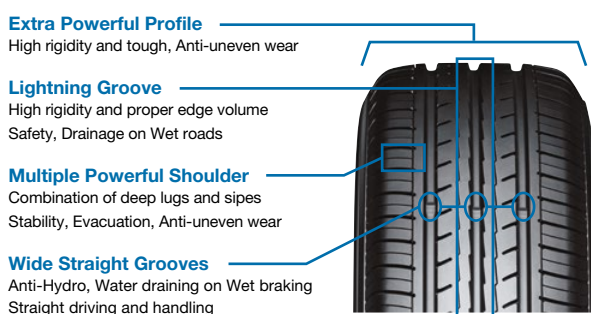
**Benefits**

- Focus on tread life and durability
- Stable driving behavior

**Features**

- Powerful and comfortable tread design
- 5 Pitch Tread Pattern
- Extra powerful profile
- nano BLEND compound

**The powerful and comfortable tread design**



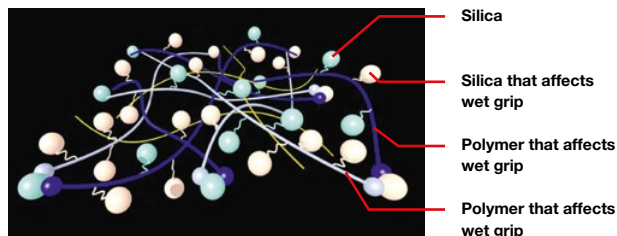
**5 Pitch Tread Pattern**

Designed with focus on pattern noise reduction and anti-uneven wear.



**nano BLEND rubber compound**

Includes double Silica and blend polymer.



# Just for You, Urban SUV Tyre

## BluEarth-XT<sup>AE61</sup>



EU Label Range	
Fuel Efficiency Class	B-C
Wet Grip Class	A-C
External Rolling Noise Class and Measured Value (dB)	A-B 67-69
Series: 45% - 70%	Inches: 20-16

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

OE approved vehicles (stand: 01/2023)
LEXUS
NX

AE61

Please see table section for available sizes.

### Application: Urban SUV, Crossover SUV

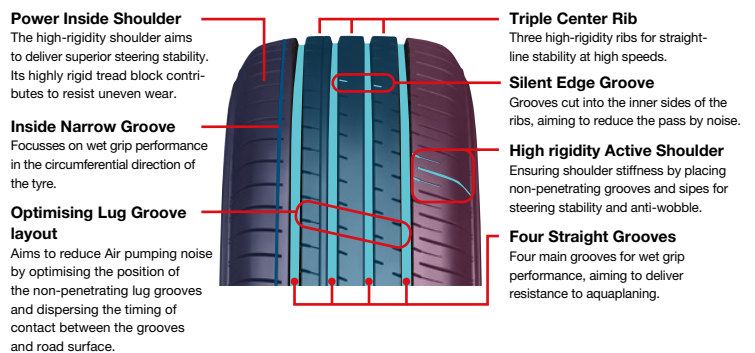
#### Benefits

- Handling and steering stability on-road
- Resistance to uneven wear, specially made for SUVs with high centers of gravity
- Solid wet grip

#### Features

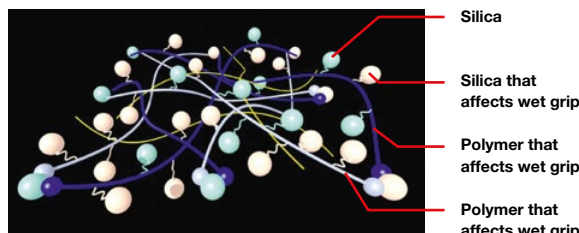
- Asymmetric pattern with optimally designed inside and outside
- nano BLEND rubber compound
- Optimised road contact surface shape

### Pattern for Urban SUVs



### nano BLEND rubber compound

Includes double Silica and blend polymer.



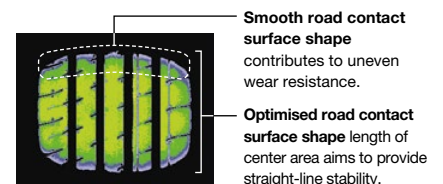
### Five pitches Tread Pattern variations

Acoustic pressure simulations lead to the optimal layout for five types of pitches. Aim is suppression of pattern noise on paved roads.



### Optimised road contact surface shape

Smooth road contact surface shape and uniform contact pressure achieve uneven wear resistance and straight-line stability.





# A tough Tyre for Commercial Vehicles

## BluEarth-Van *RY55*



RY55

Please see table section for available sizes.



EU Label Range	
Fuel Efficiency Class	C
Wet Grip Class	B
External Rolling Noise Class and Measured Value (dB)	A-B 69-72
Series: 55 % - 75 %	Inches: 17 - 14

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

OE approved vehicles
(stand: 01/2023)
TOYOTA
Hiace

**Application:** Transporters, Light Trucks, Cargos, modern Vans and Pick-Ups

**Benefits**

- Focus on mileage and durability
- Reliable Wet Braking characteristics

**Features**

- Powerful and tough tread design
- Advanced profile design and tough construction
- Compound developed with triple polymer and Silica
- Kerbing Rib for protecting against sidewall-damage

**The powerful and tough tread design**

**Powerful Profile**

High rigidity and tough, resists uneven wear.

**Multiple Triangle Block**

High rigidity and proper edge volume. Drainage on Wet roads.

**Multiple Aggressive Shoulder**

Combination of deep lugs and sipes. Stability, Evacuation, resists uneven wear.

**Wide Straight Grooves**

Anti-Hydro, Water draining on Wet braking. Straight driving and handling.



**3 Pitch Tread Pattern**

To reduce pattern noise and to resist uneven wear.

# Off-road Traction and Extreme Design

## GEOLANDAR X-MT

POR M+S

EU Tyre Label does not apply to POR marked tyres.



G005

Please see table section for available sizes.

**Application:** Extremely tuned Pick-ups & Off-road and dress-up SUVs

**Benefits**

- Traction on Off-road surfaces
- Traction on slippery surfaces

**Features**

- Rock Concept Design: the aggressive block pattern contributes to Off-road Traction
- Wide lug Groove and recess in Sipes
- Side Block Design: Tread Design extended to the sidewall, aggressive side block look

**Rock Concept Design**

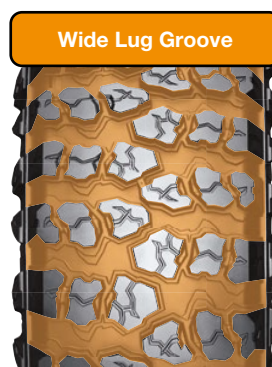


Symmetric Tread Pattern



The appearance of natural rock has been integrated into all aspects of design from the tread to the sidewall, to more effectively highlight the vehicles Off-road capability.

**Wide Lug Groove and Recess in Sipes**



Wide Lug Groove satisfies with Off-road Traction.



Recess in Sipes is YOKOHAMA key technology from GEOLANDAR A/T-S

**Side Block Design**



The sidewall incorporates larger side blocks which suit the tyres large diameter. In addition to bolstering performance in deep mud and rock, the design boosts the overall Off-road performance. The sidewall also features solid lettering that differs from the normal logo usage for the GEOLANDAR brand which contributes to the Off-road look.



# Merciless Traction

## GEOLANDAR M/T G003

POR **M+S**

EU Tyre Label does not apply to POR marked tyres.



G003

Please see table section for available sizes.

### Application: Mud-Terrain SUVs, 4x4s and Pick-ups

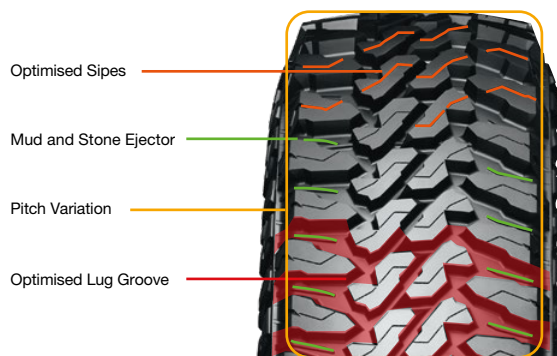
#### Benefits

- Off-road Traction
- Wear resistance with anti-cut and anti-chipping performance
- Comfortable Off-road Tyre

#### Features

- Wide tread with aggressive, symmetric block pattern
- Attractive sidewall design through extension of tread design
- High density compound with triple polymer blend

### Aggressive symmetric block pattern

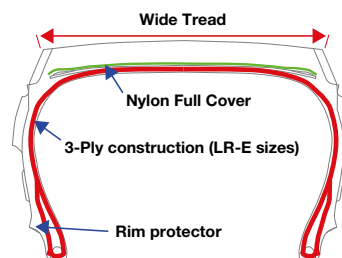


### Extended tread design to sidewall



- The attractive side design extends from the tread to enhance the deep mud traction and to improve side cut performance.
- For durability and off-road traction.

### Nylon Full Cover and Wide Tread Profile



#### Nylon Full Cover

A nylon full cover to improve tread area damage.

#### 3-Ply construction (LR-E sizes)

To improve anti side cut performance.



# Go-everywhere performance.



**GEOLANDAR X-AT**

 **YOKOHAMA**

For information about the EU Tyre Label, tyre labelling data and further technical details, see the corresponding sections inside this catalogue or price list respectively. You can also refer to the YOKOHAMA website [www.yokohama.eu](http://www.yokohama.eu) (not for country specific product and size availability).



# Go-everywhere performance

## GEOLANDAR X-AT

POR M+S

EU Tyre Label does not apply to POR marked tyres.



G016

Please see table section for available sizes.

**Application:** All-Terrain Pick-up & Off-Road SUVs

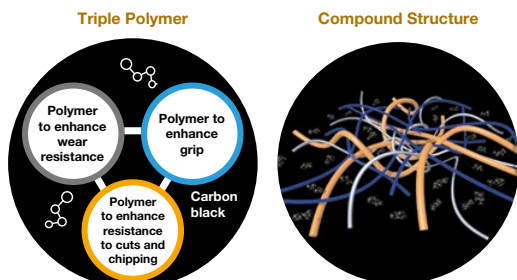
**Benefits**

- Focus on wear performance
- Off-road traction and durability

**Features**

- 2 in 1 Aggressive Tread Pattern
- Construction is aiming for Durability
- Compound Technology – High hardness Compound
- Two sidewall designs

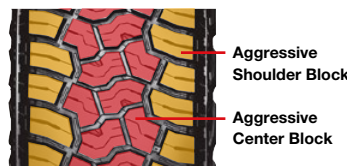
**Compound Technology**



High Hardness Compound contributes to Mileage, Anti-cut & Chipping, Handling and Off-road Traction

**2 in 1 Aggressive Tread Pattern**

**Shoulder and Center Block**



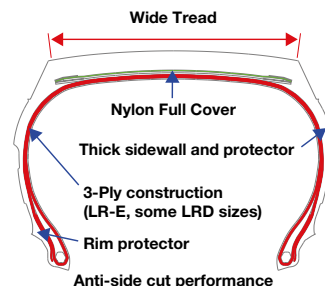
2 different Shape Shoulders and Center Block satisfying with Off-road traction.

**Sipe-Shallow Groove Combination**



Sipe-Shallow Groove Combination contributes to Wet and Slippery Surface Traction.

**Construction**



**Nylon Full Cover**

A nylon full cover to improve tread area damage.

**3-Ply construction (LR-E, some LRD sizes)**

To improve anti side cut performance.

**Two Sidewall Designs**



Two different Sidewall Designs. The Tread Design is extended to the side and into extreme aggressive side blocks. Brand Logos are raised in black letters on the tyre side, with additional GEOLANDAR Logos on 4 points at the shoulder.

# All-terrain Tyre with advanced technologies

## GEOLANDAR A/T G015



G015



EU Label Range	
Fuel Efficiency Class	E
Wet Grip Class	C
External Rolling Noise Class and Measured Value (dB)	A-B 70-73
Series: 45% - 85%	Inches: 22-15

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

Please see table section for available sizes.

### Application: SUVs, 4x4s & Pick-ups

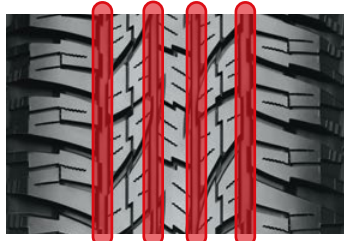
#### Benefits

- Cut and Chipping Resistance
- Aiming for Mileage performance
- Grip on snowy winter roads with Snowflake Mark (3 Peak Mountain Snowflake)

#### Features

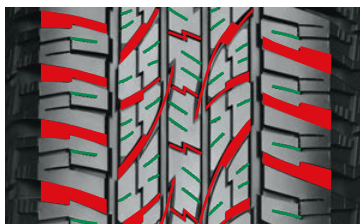
- Tread Pattern Technology with 3-D-shaped Sipes, Optimised Lug Grooves,
- 4 main grooves and pitch variation
- Nylon Full Cover and Wide Tread Profile
- Aggressive pattern and side design

#### 4 Main Straight Grooves



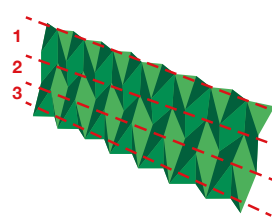
4 Main Straight Grooves for drainage performance, anti-aquaplaning capabilities and to support wet braking.

#### Optimised Lug Groove



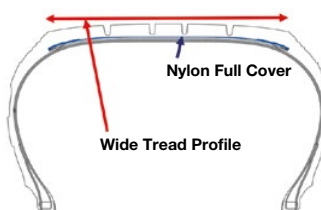
The optimised allocation of the lug grooves help to beat down off-road surfaces to support traction.

#### 3-D Shaped Sipes



Original 3-D-shaped Sipes keep the stiffness of the blocks in dry surface, supporting wear resistance by ensuring the edge effect. On snow and wet surfaces, traction is supported.

#### Nylon Full Cover and Wide Tread Profile



#### Nylon Full Cover

A nylon full cover aims to reduce damage on the tread area for better durability.

#### Wide Tread Profile

The wide Tread Profile supports mileage, traction and high speed performance.

#### Aggressive Side Design





# Comfort and Balance for your SUV

## GEOLANDAR X-CV



G057

Please see table section for available sizes.



EU Label Range	
Fuel Efficiency Class	B-D
Wet Grip Class	B-C
External Rolling Noise Class and Measured Value (dB)	B 72-74
Series: 35% - 60%	Inches: 22-18

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

OE approved vehicles
(stand: 01/2023)
LEXUS
LX

**Application:** Premium and Performance Crossover SUVs

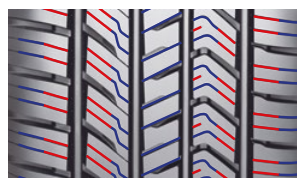
**Benefits**

- Constructed for mileage performance
- Comfortable ride

**Features**

- Asymmetric pattern with 4 wide straight grooves
- 2-D & 3-D combination sipes
- 5 Pitch Variation
- Silica end-locked Polymer and Micro Silica

**2-D & 3-D Combination Sipes**



— 2-D sipe — 3-D sipe

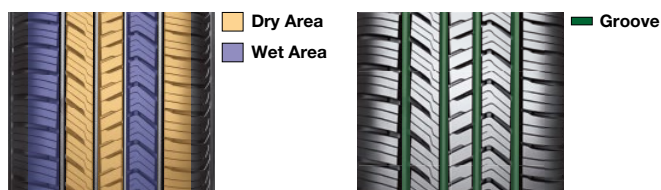
The combination of 2-D and 3-D sipes contributes to the tyre's traction and to mileage performance.

**5 Pitch Variation**



Noise reduction is the aim of the 5 Pitch Variation pattern design of GEOLANDAR X-CV.

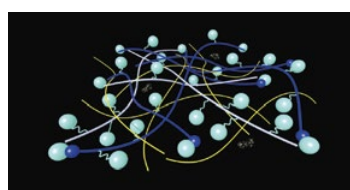
**Asymmetric Pattern and 4 Wide Straight Grooves**



The asymmetric pattern design supports the traction and handling on wet and dry surfaces.

4 wide straight grooves to evacuate water and to reduce the risk of hydroplaning.

**Silica end-locked Polymer and Micro Silica**



Micro Silica is used to support stability on dry surfaces while Silica end-locked Polymer is focusing on wet performance.

# Grand Touring Tyre for Crossover SUVs

## GEOLANDAR CV G058



G058



EU Label Range	
Fuel Efficiency Class	D
Wet Grip Class	B
External Rolling Noise Class and Measured Value (dB)	B 71
Series: 50% - 80%	Inches: 20 - 15

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

Please see table section for available sizes.

### Application: Crossover SUVs

#### Benefits

- Constructed for mileage performance
- Comfortable ride

#### Features

- Advanced Compound Technology – Blend Polymer & Micro Silica
- Sipe based Symmetric Pattern with 4 Combination Main Grooves
- Wide and flat Contact Shape

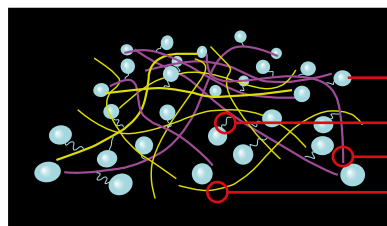
### Tread pattern



— 2-D sipe — 3-D sipe

- **4 Combination Grooves**  
Combination of Center and Shoulder Grooves for traction and the reduction of hydroplaning risk.
- **Sipe based Symmetric Pattern**  
For traction and to reduce uneven wear.
- **2-D/3-D Combination Sipes**  
Combined Sipes to support Traction and Mileage.
- **5 Pitch Variation**  
Blocks with 5 Pitch Variation contribute to noise control.

### Advanced Compound Technology

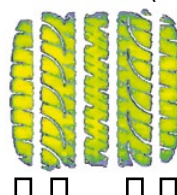


- Micro Silica
- Silica Dispersant
- Blend Polymer for wet
- Blend Polymer for snow

Advanced Compound Technology for Silica dispersion.

### Profile and Contact Shape

Conventional Model (G055)



Traditional Profile Blocks

GEOLANDAR CV G058



Shoulder and 2<sup>nd</sup> Rib Round Profile Blocks

A wide and flat contact shape aims to improve even wear and to contribute to a higher Mileage. Traction is supported by round profile blocks for Shoulder and 2<sup>nd</sup> Rib.



Comfort, everywhere you go

# GEOLANDAR H/T G056



M+S

EU Label Range	
Fuel Efficiency Class	C-D
Wet Grip Class	B-D
External Rolling Noise Class and Measured Value (dB)	A-B 70-72
Series: 50% - 75%	Inches: 21-15

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

OE approved vehicles
(stand: 01/2023)
MAZDA
CX-9

G056

Please see table section for available sizes.

**Application:** New generation SUV and Pick up car tyre

**Benefits**

- Enjoy lasting comfort in cities, on highways and off-road
- Highway terrain tyre for 4x4 and SUV

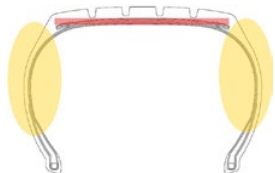
**Features**

- Tread design which aims to improve the pass-by noise
- 5 Pitch Variation to control the frequency peak
- Multiple lug grooves



**3-D shaped sipes**

Tread pattern stiffness is achieved by using 3-D shaped sipes.



**Construction**

Full Nylon cover is used to thicken the sidewall and to protect the tyre against lift-up of the belt during high speed driving and to prevent tread cracks and side cuts. This has a positive impact on the durability of the tyre.



**5 pitch variation**  
The 5 pitch variation is the feature to control the frequency peak in a rolling tyre.



**Multiple lug grooves**  
Multiple lug grooves to provide drainage and to reduce the risk of hydroplaning.

# The One for All Seasons

## BluEarth-4S AW21



AW21

Please see table section for available sizes.



Maximum speed  
 300 km/h in case of Y speed symbol  
 270 km/h in case of W speed symbol  
 240 km/h in case of V speed symbol  
 210 km/h in case of H speed symbol  
 190 km/h in case of T speed symbol  
 (Speed symbol varies depending on size)

EU Label Range	
Fuel Efficiency Class	C-E
Wet Grip Class	B-C
External Rolling Noise Class and Measured Value (dB)	B 70-73
Series: 40% - 70%	Inches: 20-14

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

**Application:** Small and Compact cars, mid-size sedan, modern SUVs & CUVs

**Benefits**

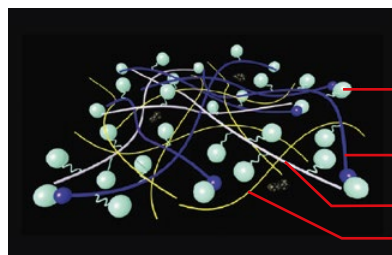
- Advanced compound for snow, wet and dry
- Grip in wintery conditions (snow)
- Sound braking performance on wet & dry summer roads
- Constructed for mileage performance

**Features**

- Divergent V-Groove
- Flat & Wide Contour
- Silica End-locked compound

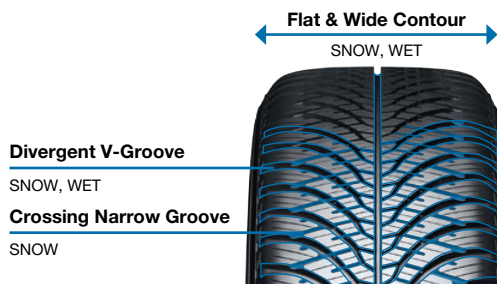
**Compound**

for SNOW/WET Performance

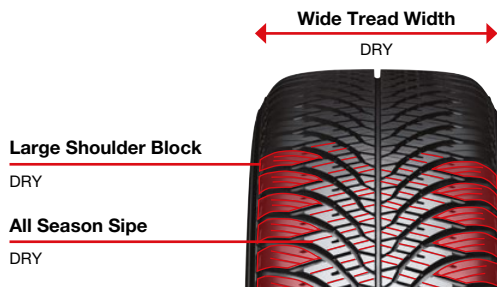


- Micro Silica
- Silica End-Locked Polymer
- Snow Grip Polymer
- Wet Grip Polymer

**Tread Pattern Design**  
for SNOW/WET Performance



**Tread Pattern Design**  
for DRY Performance





# Strong and Smooth – Whatever the Season

## BluEarth-Van All Season RY61



RY61

Please see table section for available sizes.



Maximum speed  
 210 km/h in case of H speed symbol  
 190 km/h in case of T speed symbol  
 170 km/h in case of R speed symbol  
 (Speed symbol varies depending on size)

EU Label Range	
Fuel Efficiency Class	C-D
Wet Grip Class	A-B
External Rolling Noise Class and Measured Value (dB)	B 73
Series: 55% - 75%	Inches: 17 - 15

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

**Application:** Transporters, Light Commercial Vehicles, Cargos and Modern Vans

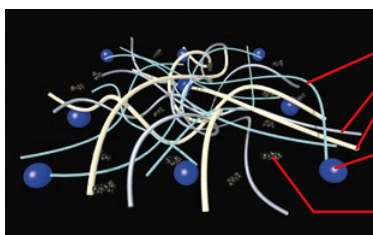
**Benefits**

- Constructed for mileage performance
- Strong and smooth drive on various road conditions, all year round
- Focus on Wet Performance

**Features**

- Remarkable Tread Design
- Compound for toughness
- Construction: Bead Flipper

**Compound**

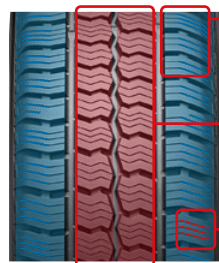


- Triple Polymer**  
Strong & tough polymers for tread life. Resistance to uneven wear, cut and chip.
- Silica**  
Large amount of Silicas are used to support Wet Performance.
- Carbon**

**Tread Pattern**

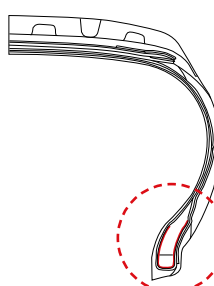


- Triple Wide & Deep Grooves**  
To enhance snow/water evacuation, for Snow and Wet Performance
- Center Zig-Zag Groove**  
Creating edges to snow, crossing Wide Lugs creating shear force
- Straight Grooves**  
For smooth water drainage



- Square Shoulder Block**  
Wide Contact Area for cornering, preventing irregular wear by high rigidity
- Tough Center Blocks**  
Large Blocks placed in the center, creating rigidity and large contact area with ground, preventing irregular wear
- Snow Biting Sipes**  
Scratch snow for snow performance

**Construction**



**Bead Flipper**

- For anti-burst**
- For driving stability**
- Aims to prevent wear of bead & carcass in high load
- Keeps bead filler from falling

## YOKOHAMA A-008P

The A-008P a true Classic



EU Label Range	
Fuel Efficiency Class	D
Wet Grip Class	B
External Rolling Noise Class and Measured Value (dB)	B 70
Series: 45% - 55%	Inches: 16

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

### A-008P Features

- Jointless nylon full cover
- Steel belt and steel reinforcement
- Dual layer tread compound
- Asymmetric pattern design



## ADVAN HF Type D

The Legendary ADVAN HF Type-D A008, Reborn



EU Label Range	
Fuel Efficiency Class	D
Wet Grip Class	C-D
External Rolling Noise Class and Measured Value (dB)	A-B 68-70
Series: 45% - 70%	Inches: 15 - 13

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

### AD08S Features

- Asymmetric tread design resembles that of racing slick tyres
- High performance tread compound
- Polyester and cord body
- Twin steel belts, reinforced by a layer of nylon



## GT.SPECIAL CLASSIC Y350

Reviving the Culture of Classic Cars



EU Label Range	
Fuel Efficiency Class	D
Wet Grip Class	D
External Rolling Noise Class and Measured Value (dB)	A 67
Series: 80%	Inches: 15 - 17

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

### Y350 Features

- Classical tread pattern and side design of the predecessor
- Distinctive, original style
- Classic appearance with latest tyre technologies



## A539

Spirit and Style for Classic Cars



EU Label Range	
Fuel Efficiency Class	D
Wet Grip Class	C
External Rolling Noise Class and Measured Value (dB)	B 69
Series: 50% - 60%	Inches: 14 - 12

These values are for the full size range of this product. The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

### A539 Features

- Signature design Pattern for classic cars
- Balanced comfort and performance in wet & dry
- Asymmetric tread pattern for stable cornering







## RACING TYRES

**ADVAN**  
*A005*



**ADVAN**  
*A006*



A006F/A006Y



A006N



A006G/A006C

**ADVAN**  
*A054*



## RALLY TYRES

**ADVAN**  
*A053*



**ADVAN**  
*A035*



**ADVAN**  
*A036*



**ADVAN**  
*A031*



**ADVAN**  
*A051T*



## SPORT TYRES FOR TRACK USE ONLY

**ADVAN**  
*A048*



A048

**ADVAN**  
*A021R*



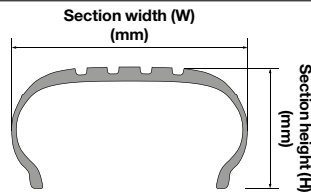
A021R

**Important note!** Please note that YOKOHAMA Motorsports Tyres are manufactured solely for competition, with special designed Pattern and Compounds. All tyres on this overview page, being designed for the race track only, are not allowed for usage on public roads! The special size range offered can vary from country to country. For detailed information on the sizes offered and the relevant parameters in your country, please refer to the table section.

## Aspect ratio

The aspect ratio is the ratio of a tyre's section height (H) to its section width (W).

$$\text{Aspect ratio (\%)} = \frac{H}{W} \times 100$$



## Load-capacity index

The load index is the maximum load-carrying capacity of a tyre under a specific condition.

LI	kg	LI	kg	LI	kg
61	257	81	462	101	825
62	265	82	475	102	850
63	272	83	487	103	875
64	280	84	500	104	900
65	290	85	515	105	925
66	300	86	530	106	950
67	307	87	545	107	975
68	315	88	560	108	1000
69	325	89	580	109	1030
70	335	90	600	110	1060
71	345	91	615	111	1090
72	355	92	630	112	1120
73	365	93	650	113	1150
74	375	94	670	114	1180
75	387	95	690	115	1215
76	400	96	710	116	1250
77	412	97	730	117	1285
78	425	98	750	118	1320
79	437	99	775	119	1360
80	450	100	800	120	1400
				121	1450
				122	1500
				123	1550

## Speed category symbol

The speed category refers to the maximum speed capabilities of the tyre. It is only valid for tyres that are properly inflated and loaded within their assigned load index.

Speed category symbol	Speed (km/h)
N	140
P	150
Q	160
R	170
S	180
T	190
H	210
V	240
W	270
Y	300
(Y)	over 300

## Reinforced (Extra Load) Indication

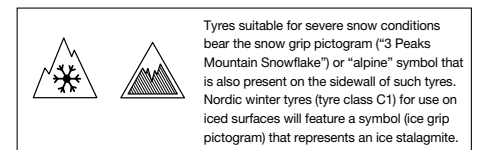
Passenger car tyres designed for loads and inflation pressures higher than the standard version.

## Tyre rotation

Tyre rotation is the regular practice of changing the position of each tyre on the car to minimise abnormal (or uneven) tread wear, which may cause:

1. Abnormal vibration ("shimmy")
2. Tyre noise
3. Decreased riding comfort
4. Shorter tyre life

**Note:** We recommend that you rotate your tyres immediately if you recognise any of the above-mentioned conditions (especially on your front tyres).



- Never mount a tyre on a rim that is damaged or which has been repaired by welding or brazing.
- Never inflate beyond 275 kPa (2.75 bar, 40 psi) to seat beads.
- Tyre inflation should be done in a safety cage.
- Do not mix different tyre size designations or constructions on the same axle, except for limited use of temporary spare tyres.
- Outer diameter of wheel should be the same as inner diameter of tyre.
- Make sure to follow instructions in the car owner's manual or on the vehicle tyre information placard in the car to maintain proper tyre pressure (Particularly driving on a highway and/or when carrying heavy loads).
- Never bleed or reduce air pressure when tyres are hot from driving.
- Over- or under-inflation is dangerous and could lead to accidents or tyre damage.
- Check tyre inflation pressure (including spare tyre) at least once a month and before every long trip.
- Stones, gravel and other foreign objects stuck in the tyre treads may damage the tyre. Remove foreign objects from the tyre treads.
- Tyre should only be mounted by professionally trained persons.
- Objects in the road such as potholes, glass, metal, rocks, wood debris, kerbstones and such, which could damage a tyre should be safely avoided.
- To preserve traffic safety and tyre life, YOKOHAMA recommends driving safely and avoiding hard acceleration, braking or cornering in unnecessary situations.
- If you feel the car is unstable or feel any unusual noises or vibrations, stop your car in a safe place and inspect your tyres. Even if no

visible defects are found, drive slowly and ask your tyre dealer to inspect your tyres as soon as possible.

**The local regulations for the proper usage of Car Tyres may differ from country to country. Please make sure to check foreign regulations carefully, before going abroad.**

**To preserve traffic safety, YOKOHAMA recommends driving substantially slower under adverse weather or road conditions.**

**Fuel saving and road safety depend heavily on the behaviour of drivers and in particular on the following: eco driving can significantly reduce fuel consumption; tyre pressure needs to be regularly checked to optimise fuel efficiency and wet grip; stopping distances must always be respected.**

**Ice grip tyres are specifically designed for road surfaces covered with ice and compact snow, and should only be used in very severe climate conditions (e.g. cold temperatures). Using ice grip tyres in less severe climate condition (e.g. wet conditions or warmer temperatures) could result in sub-optimal performance, in particular for wet grip, handling and wear.**

**Never use a tyre under the following conditions and replace tyres immediately:**

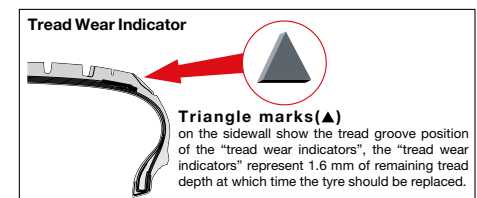
- If the tread has worn to the tread wear indicator.
- If breaks in the fabric appear.
- If cords or wires are exposed.

## Storage of steel belted radial tyres:

- Keep your tyres away from direct sunlight and locations with high temperature, high moisture, heavy electrical machinery, welders etc.
- Tyres should be preferably stored in a cool, dry, and dark room with a controlled environment.

## Important notice for use of Runflat tyre (ZPS)

- A vehicle must be equipped with a tyre pressure monitoring system.
- After a low pressure warning has been indicated:
  - do not exceed 80 km/h (50 mph).
  - do not travel more than 80 km (50 miles).
  - do not re-inflate after run flat operation and do not repair.



Constructions and specifications are subject to change with or without notice.

For information about the EU Tyre Label, tyre labelling data and further technical details, see the corresponding sections inside this catalogue or price list respectively. You can also refer to the YOKOHAMA website [www.yokohama.eu](http://www.yokohama.eu) (not for country specific product and size availability).





Example of ISO notation of radial tyre  
**325/35ZR22 114Y**

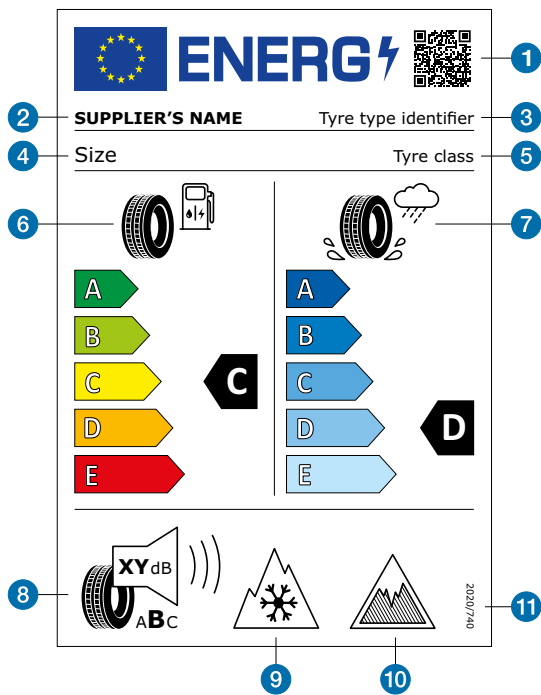
①    ②    ③    ④    ⑤    ⑥

① 325: Nominal section width (mm)  
 ② 35: Aspect ratio (%)  
 ③ ZR: Speed category (over 240 km/h) and construction code (Radial)  
 ④ 22: Nominal rim diameter (inch)  
 ⑤ 114: Load-capacity index (1180 kg)  
 ⑥ Y: Speed category symbol (300 km/h)

Sample tyre for explanation

- ① Manufacturer's Name
- ② Tyre Size Designation
- ③ Brand Name
- ④ Tread Pattern Name
- ⑤ Country of Origin
- ⑥ Identification Serial Number
- ⑦ "RADIAL" Designation ---The word "RADIAL" is marked for a radial ply tyre.
- ⑧ "TUBELESS" Designation ---The word "TUBELESS" must be branded on a tubeless type tyre.
- ⑨ YOKOHAMA tyres are marked in accordance with international regulations. So the sidewall is marked with a circle containing an E and the number of the country of homologation. This marking is followed by a multi-digit homologation number.  
 e.g. (E4) 1234567/987654 S2WR2 (4 = Netherlands)
- ⑩ DOT Mark ---The symbol certifying compliance with FMVSS respectively.
- ⑪ Original Equipment Manufacturer Letters --- The symbol varies according to car manufacturers, and signify approval by these. (e.g. AO mark signifies AUDI, MO Mark signifies MERCEDES, N-0 and N-1 signifies PORSCHE.)

# EU Tyre Label



- 1 QR Code
- 2 Trade name or trademark of the supplier
- 3 Tyre type identifier = Article number in case of YOKOHAMA
- 4 Tyre size designation, load capacity index and speed category symbol
- 5 Tyre class: i.e. C1, C2 or C3
- 6 Fuel efficiency pictogram, scale and performance class
- 7 Wet grip pictogram, scale and performance class
- 8 External rolling noise pictogram, value (expressed in dB and rounded to the nearest integer) and performance class
- 9 Snow grip pictogram
- 10 Ice grip pictogram (C1 tyres only)
- 11 The serial number of this Regulation: "2020/740"

Since 2012 the EU Tyre Energy Label provides a clear and common classification of tyre performance for rolling resistance, braking on wet surfaces and external noise. The labels help consumers make informed decisions when they are buying tyres as they can easily set their priority choice based on the parameters.

Regulation (EC) No 1222/2009 first introduced the obligation of placing car and van tyres on the EU market with a sticker showing the label. That regulation was repealed and replaced by Regulation (EU) 2020/740 with start of application on 1 May 2021. It established a framework for the provision of harmonised information on tyre parameters through labelling to allow end-users to make an informed decision when purchasing tyres, for the purpose of increasing economic and environmental efficiency of road transport by promoting fuel-efficient, safe tyres with low noise levels.

Tyres are no longer allowed in classes F and G for rolling resistance and for wet grip, which is why the new scale has only 5 classes (A to E). The new energy symbols better suggest that the fuel efficiency is applicable to both internal combustion vehicles and to electric ones. In the bottom part, the external rolling noise class is always indicated, including the measured value of external noise level in decibels.



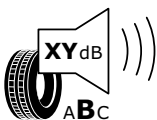
### Fuel Efficiency Class

The fuel efficiency class ranges from A (most efficient) to E (least efficient). A top class tyre has less rolling resistance and therefore requires less energy to move the vehicle. This translates into lower energy costs (fossil fuels or electricity).



### Wet Grip Class

The wet grip describes a tyre's performance under wet conditions and its classes ranges as well from A (shorter braking distance on wet asphalt) to E (longest).



### External Rolling Noise Class and Measured Value (dB)

The external rolling noise class ranges from A (less noise outside the vehicle) to C (highest noise). The external rolling noise, caused by tyres, is measured in decibels. This noise is different from the "cavity noise", which is the noise transmitted from the rims to the interior of the car.

Under the new regulation, in addition to the previous tyre label, there are also options for including an icon relating to grip on icy conditions and/or severe snow conditions in the bottom part of the tyre label (next to the external rolling noise pictogram) for tyres which satisfy the minimum snow grip index values or the relevant minimum ice grip index values.



Tyres suitable for severe snow conditions bear the snow grip pictogram ("3 Peak Mountain Snowflake") or "alpine" symbol that is also present on the sidewall of such tyres. Nordic winter tyres (tyre class C1) for use on iced surfaces will feature a symbol (ice grip pictogram) that represents an ice stalagmite.

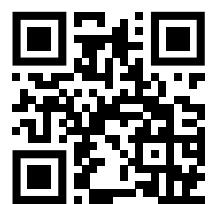
The QR code, to read with a smartphone or other suitable reader, is intended to provide this and additional information for each individual tyre type identifier via a link to the public part of the new European product database for Energy Labelling (EPREL). A link to this database is also provided via the YOKOHAMA website ([www.yokohama.eu](http://www.yokohama.eu)). You can also get the information of the database in printed form from your tyre dealer.

Other components of the label are the trade name or the trade mark of the supplier, the tyre type identifier, the tyre size designation, the load-capacity index and the speed category symbol, the tyre class and furthermore the serial number of the regulation (in the bottom part of the tyre label).



As the availability of products and sizes differs from country to country, please ask your local dealer or distributor for detailed information about the specific range, labeling and the technical parameters of the available YOKOHAMA tyres.

General (not country specific) information about this data, can be found in the assigned sections of our website [www.yokohama.eu](http://www.yokohama.eu)



[www.yokohama.eu](http://www.yokohama.eu)