PRODUCT GUIDE
Car, 4x4/SUV and Light Commercial Tyres

ADD KUMHO TYRES TO YOUR CIRCLE OF TRUST
UP TO 5.1% FUEL SAVING

EXTREME SPORTS
ECSTA PS91

COMFORT
ECSTA LX KU27

EXTREME SPORTS
ECSTA XS KU36

SPORTS
ECSTA LE SPORT KU39

SPORTS
ECSTA HS51

SPORTS
ECSTA SPT KU31

COMFORT
ECSTA 4X II KU22

COMFORT
ECSTA HM KH31

COMFORT
ecowing ES01 (KH27)

COMFORT
SOLUS KH17

VALUE
KH18
Born from Kumho’s motorsport pedigree, the PS91 provides the ultimate in high-speed driving safety and cornering. The ECSTA PS91 delivers “enhanced grip, braking ability, high-speed durability and uniform ride qualities.”

The new range is available for 19 and 20-inch rim diameters with a speed rating over 300km/h.

### Different front / Rear pattern design
- Immediate handling response by wide shoulder and rib-type centre block design
- Maximised tyre grip and block stiffness of rear tyres with optimised groove pattern design

### (Y) Speed rating
- Stable durability and running performance at over 300km/h
* (Y) Speed rating = the highest speed rating for tyres with speed capability over 300km/h.

### Tread design
- Three dimensional block (C-Cut 3D) and the high-stiffness advanced belt package are applied to deliver high speed stability

To fit such cars as Porsche 911, Audi R8, Mercedes AMG, BMW, Lexus, Holden Special Vehicle, Ford Performance Vehicle and so on.
In-Outside (Asymmetric) tread design with ultra low noise and silica based compound

Tread wear rating of “600” ensures extreme mileage

UHP touring tyre for luxury sedans giving superb high speed driving stability, ultra low noise, long wear and year round performance

Heat dimples
- Minimises heat build up in tread blocks, improving high speed durability

3-dimensional ‘Sawtooth’ sipes
- 3D interlocking sipes assist with water evacuation, snow traction, handling and braking

Longitudinal 4 channel grooves
- 4 circumferential tread grooves for superior water evacuation

Application of ‘Multi-Pitch’ technology
- Variable pitch tread blocks reduce road harmonics

Rim Size 16 - 19 inch
Series 60 - 40
Speed Rating V - W
Pattern Design Asymmetric

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Excellent dry performance

In-Outide (Asymmetric) tread design with silica based compound

Extreme dry grip and handling performance with latest street/track racing technology

**Centre**
- Solid centre rib provides steering response & steering stability
- Centre rib also reduces air pumping which results in lower noise and ride comfort

**Inside design**
- Cross grooves and two circumferential grooves give active running performance and resist hydroplaning

**Outside design**
- Rib and shoulder block combination provide a larger footprint for improved lateral loads
- Rib/Block combination improves wear

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**Rim Size**
- 15 - 18 inch

**Series**
- 50 - 35

**Speed Rating**
- W

**Pattern Design**
- Asymmetric

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**Car Tyres**
For Performance Range Car
The sports performance tyre which delivers dynamic handling in all conditions

Designed for powerful prestige vehicles, the KU39 range has an ‘in-out’ tread design which allows for maximum water drainage and braking performance

Although designed for maximum performance this tyre possesses controlled ride and refinement and minimal noise levels

**Groove functions**
- Circumferential grooves maximise water drainage and resists aquaplaning

**Heat dimples**
- Minimises heat build up in tread blocks, improving high speed durability

**RWI (Rotate Wear Indicators)**
- Patented RWI enable visual monitoring of tread life

**In-Out pattern features**
- Inside pattern optimised for water drainage and maximum braking performance
- Wide outside shoulder blocks for maximum handles capability

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**Rim Size**
- 16 - 20 inch

**Series**
- 50 - 30

**Speed Rating**
- (Y) - Y

**Pattern Design**
- Asymmetric

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**Handling**

**Sport**

**Wet Braking**

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Precision handling and braking combined with smoothness and quietness
Together with the road in perfect harmony

**ECSTA HS51**

The new ‘harmony sports tyre’ – designed to balance performance and comfort

**Compound technology**
- High technology material & compound is applied to maximise the driving performance
- **Solid rib - Tyre design**: Improved wet braking and reinforced block stiffness by centralised ribbed pattern design

**Wide lateral Grooves**
- Wide lateral grooves help to maximise water displacement when turning
- **Wide 4 channels main grooves**: The pattern design with its 4 wide linear grooves improves water displacement performance

**Closed & Notch shoulder**
- Handling performance has been improved thanks to a strengthened shoulder block
- A groove notch has been added to improve performance while cornering in wet

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**Rim Size**
- 15 - 17 inch

**Series**
- 55 - 45

**Speed Rating**
- V - W

**Pattern Design**
- Asymmetric

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ECSTA SPT KU31

A tyre for the sports driver who requires a fine balance of comfort and high performance

- Rated ‘Recommendable’ by 4 major German car magazines including AutoBild
- Received an Australian Design Award

Directional tread design with mid to low noise and high dispersible silica compound

Gives a fine balance of comfort, high performance and safety in all conditions

Also available in run flat

High speed performance
- Application of straight rib for high speed driving stability

Low noise
- Optimising pattern block design for low noise level ECSTA logo in tread

Straight grooves
- Straight grooves for aquaplaning resistance and notches to induce turbulence and reduce laminar flow friction

Driving stability
- The slash style sipes maximise cornering grip and straight line stability

Rim Size 15 - 20 inch
Series 55 - 30
Speed Rating V - W
Pattern Design Directional

Sport Handling Wet Braking

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ECSTA 4x4 KU22

A tyre combining value and class-leading ultra high performance

In-Outside (Asymmetric) tread design with high grip resin and newly optimised wear and wet traction silica based compound

Class-leading ultra high performance in wet and dry conditions with high levels of handling, long lasting wear and low noise

An ultra high performance All-Season tyre for drivers of high-end sports cars, sporty coupes and performance

**Low noise**
- **Tread pitch sequencing**: Delivers low noise levels for day to day driving

**Long lasting wear**
- **Extended wear rates**: Multi-angled tread block stiffens the tread area for greater strength

**Improved handling**
- **Inside**: Improves water clearance for high levels of wet weather performance
- **Outside**: Optimised cornering performance

<table>
<thead>
<tr>
<th>Rim Size</th>
<th>Series</th>
<th>Speed Rating</th>
<th>Pattern Design</th>
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<tr>
<td>15 - 20 inch</td>
<td>55 - 35</td>
<td>V - W</td>
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Terms and conditions apply
Terms and Conditions. All offers available at participating dealers only see in store or on our website www.kumho.com.au for full terms and conditions.
A well balanced efficient sports performance tyre
Improved hydroplaning performance, reduced noise levels and crisp handling
Asymmetric pattern
OE for Mercedes Benz B-class, BMW 1 series and Holden Malibu

Engraved logo on centre rib
- Signature ECSTA mark of quality

Sinusoidal(wave) groove
- Water drainage maximised by applying fluid mechanics, utilizing optimal intersections of longitudinal and lateral grooves

Wide longitudinal ribs
- Optimised driving stability at high speed through three wide centre ribs

Quietness and water drainage
- Perfect harmony of quiet ride and hydroplaning resistance through a matrix of lateral grooves

Rim Size 15 - 17 inch
Series 65 - 55
Speed Rating H - V
Pattern Design Asymmetric
The ecowing ES01 (KH27) contains fuel economy and eco-friendly characteristics with great handling performance.

The ecowing KH27 recorded greater levels of rolling resistance and 5.1% better fuel economy than the equivalent conventional tyres.

OE for BMW 2 series and Volkswagen Polo.

Better wet grip & traction performance
- By strengthened rib and improved centre block pattern

Handling & cornering
- Closed & notch shoulder gives better handling, better wet grip

LRR (Low Rolling Resistance)
- Special high dispersion silica new sidewall material minimises sidewall deformation and lowers energy loss

Improved handling
- Longitudinal 3 channel & wide lateral groove improves water clearance for high levels of wet performance

Rim Size 14 - 16 inch
Series 55 - 70
Speed Rating H - V
Pattern Design Asymmetric

* Terms and conditions apply
See page 44 for more detail.
Non directional tread design and low noise with silica based tread compound

Strong wet and dry traction with lower noise levels and better ride comfort

OE for Holden Cruze, Sparks, Hyundai i20, i30, Kia Rio, Forte and more

Groove functions
- Block movement optimised for driving stability with waved semi-grooves and reinforced block stiffness

Superior hydroplaning performance
- Silica-based tread compound and three wide longitudinal grooves improve hydroplaning performance

Effective rounding edge
- Improved wet and mileage performance through release of heat while driving

Improved steering performance
- Reinforced block stiffness for improved cornering power and braking ability
Non directional tread design and low noise with all season compound

For the value conscious consumer who requires an economical replacement tyre that doesn’t compromise performance and safety

**Low noise**
- Variable pitch tread blocks reduce road harmonics

**Lateral grip**
- Efficient sipe opening assists with lateral grip and even wear

**Wet performance**
- 3D interlocking sipes assist with water evacuation, snow traction, handling and braking

**Water evacuation**
- 4 circumferential tread grooves for superior water evacuation

**Rim Size**: 14 - 16 inch
**Series**: 65 - 55
**Speed Rating**: H - V
**Pattern Design**: Symmetric
### For Performance Range Car

<table>
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<th>Model</th>
<th>Handling</th>
<th>Sport</th>
<th>Wet Braking</th>
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<td>KU39</td>
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<th>WET</th>
<th>DRY</th>
<th>NOISE</th>
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<td>KU39</td>
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<tr>
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<tr>
<td>KU31</td>
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### For Touring Range Car

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<th>Balance</th>
<th>Handling</th>
<th>Ride Comfort</th>
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<tr>
<td>KH18</td>
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<table>
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<td>7</td>
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*Australia: Ranking 3 (Jun. 2011)
Germany: Satisfactory (Feb. 2013)*
Asymmetric tread design with low noise and up-graded UHP tread compound for SUV vehicles

Designed for luxury and sporty SUV’s

Outstanding resistance against aquaplaning with high cornering stability

Also gives a quiet and comfortable ride
High class premium all season touring tyre for luxury SUV's
Lower noise & outstanding ride comfort
Well balanced dry & wet traction
OE for Hyundai Santa Fe, KIA Sorento etc.

**Improved traction performance**
- Semi-knurling (inner Block) and 3D block results in dry & wet traction improvement

**Low noise and premium comfort performance**
- Optimum tread pitch design will reduce road harmonics and provide better comfort performance

**Wet performance**
- 4 channel main groove applied, to improve hydroplaning performance
Non directional tread design and low noise with silica based compound on most sizes

Recommended for today’s modern vehicles which require a high level of grip, handling, safety and comfort

Original Equipment (OE) fitment to over 40 vehicles - Mercedes Benz G-Class, Chrysler Grand Cherokee, Hyundai Santa Fe, KIA Sportage, Sorento, SSANGYONG Korando etc.

**Wet performance**
- 4 channel main grooves for reduced hydroplaning
- Embossing shape within the grooves to eject stones

**Handling stability**
- Centre solid rib block to increase handling stability

**Traction performance**
- Bite edge, sipes & lateral groove to increase traction/performance

**Noise performance**
- Optimised variable pitch technique applied to minimise noise during travel
Excellent highway tread with long mileage

Designed as an OE upgrade tyre for the modern SUV’s

This tyre gives handling, performance, ride comfort and low noise

OE for Mercedes Benz Sprinter

- Provides excellent grip power during acceleration and breaking in both wet and dry conditions

- Offers lower noise and stabilised handling performance at lane change

- Improves wet and snow performance

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ROAD VENTURE AT51

A new modern all-terrain design that optimised dry, off road traction & wear performance

Morden All-Terrain tyre for light trucks, high level of braking and handling performance
Aggressive design & optimised for dry, off road traction & wear performance
Suited to 70% on road and 30% off-road use

Improves off-road performance
- Full depth circumferential Zig-Zag groove & multiple lateral grooves and sipes improves on/off-road performance
- Dual pitch in centre block improves off-road traction & enhances stiffness performance
- Wider, Block stiffness & Contact area increase

Enhances Long-term Durability
- Stone-ejector bar prevents stone pinch
- Robust belt/bead design - High stiffness “Cap Ply” & “Bead Wrapping” applied for durability
- A cut and chip-resistant compound into asymmetric all-terrain tread pattern with off road traction

Maximise traction
- Chamfer cut-angular shape of c-cut applied to maximise traction

All Terrain  Sport  Handling
Classic All-Terrain tread design
Combines off road traction with great highway performance with a quiet comfortable ride suited to 70% on road and 30% off-road use

On & off driving traction
- Circumferential zig-zag grooves, along with multiple lateral grooves and sipes, provides excellent driving traction both on and off the highway

Wet performance
- Full depth circumferential tread grooves evacuate water from the footprint area, reducing the risk of hydroplaning, and improving wet handling and braking

Balanced performance
- Siped tie bars promote optimised tread wear / traction / ride balance for the life of the tyre

Noise reduction
- Computer generated sequential pitch design for optimum traction with a quiet ride

Selected as “Off Road Tyre 2009” by the editorial staff of German 4x4 magazine “Off Road”
### 4x4 SUV Tyres
For All-Terrain 4x4 SUV

#### ROAD VENTURE SAT KL61

**STYLISH**
For modern day SUV’s modern and stylish all terrain tyre with 60,000km guarantee

![Image of tire]

Excellent all terrain tread with long mileage

Tread compound balance for driving performance and tread life whilst also giving improved performance on wet roads

Optimised construction delivers even tread wear

<table>
<thead>
<tr>
<th>M’WAY</th>
<th>TRACK</th>
<th>MUD &amp; GRASS</th>
<th>SAND</th>
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<tbody>
<tr>
<td>6.5</td>
<td>9</td>
<td>7</td>
<td>4</td>
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</table>

**Maximum aquaplaning resistance**
- Four channel grooves for improved performance on wet roads
- Serrated side blocks for superb water drainage on wet roads

**Straight driving stability**
- Longitudinal centre ribs for high speed driving stability

**Optimal quietness & comfortable ride**
- Variable pitch sequencing

**3D block design**
- Uneven wear resistance and mud drainage
- Stone ejector bar applied in between the blocks

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Excellent track & mud condition with extreme mud terrain tread design
Extreme off road tyre delivering ultimate traction
Also delivers significant on road noise reduction compared to standard MT tyres

**Packed centre blocks**
- Significant on road noise reduction compared to the standard MT tyre

**Dual pitch**
- A pattern design which utilises the theories of fluid mechanics for enhanced wet performance, climbing ability and traction both on and off road

**Lug type block pattern**
- Optimal tread pattern for exceptional traction on mud & rock
ROAD VENTURE MT51

Aggressive off road design balancing on-off road (50%+50%) performance regular new MT

Mild MT for mine and mountain climbing
Improved on-road driving performance
Stone ejector and mud cleaning performance

On-off road balancing performance improvement
- Aggressive rug block & dual pitch applied for mud, rock crawling & on-road performance

Durability improvement
- Prevention of crack, cut & chip, stone drilling

Traction performance improvement
- 3 level height block improves its stiffness up
- Zigzag groove, notching shoulder reduces damage, off road traction up

Mud & stone emission
- Stone reject bar & under groove decoration improves stones & mud rejection

M'WAY
TRACK
MUD & GRASS
SAND

6.5
9
7
1.5

Mud Terrain
Sport
Handling
### For Highway Prestige 4x4 SUV

**SPORTS**

- **HP91**
  - **New**
  - High Performance: M'WAY
  - Sport: TRACK
  - Handling: MUD & GRASS, SAND
  - Wet Braking: 9

**COMFORT**

- **KL33**
  - Highway
  - Ride Comfort: Silent
  - Handling: MUD & GRASS, SAND
  - 9

### For All-Terrain 4x4 SUV

**MODERN**

- **AT51**
  - All Terrain: M'WAY
  - Sport: TRACK
  - Handling: MUD & GRASS, SAND
  - 7.5

**TRADITIONAL**

- **KL78**
  - All Terrain: M'WAY
  - Sport: TRACK
  - Handling: MUD & GRASS, SAND
  - 7.5

**STYLISH**

- **KL61**
  - All Terrain: M'WAY
  - Sport: TRACK
  - Handling: MUD & GRASS, SAND
  - 7
For Highway Comfort 4x4 SUV

**TOURING**

For Mud-Terrain 4x4 SUV

**EXTREME OFF ROAD**

For Highway Comfort 4x4 SUV

**ROAD VENTURE APT**

**ROAD VENTURE MT**

**ROAD VENTURE**