

# PRODUCT GUIDE

Car, 4 x 4/SUV and Light Commercial Tyres



your circle of trust





# Becquse there's q lot riding on your tyres.

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# **Brand Marketing**

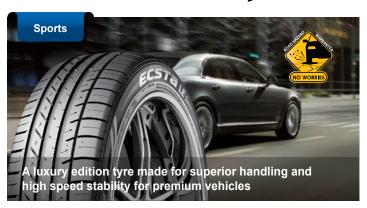
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# ECSTA LE Sport KU39



The 'flagship' tyre of the Kumho range

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 which minimises noise levels

# Rim Size 16 - 20 inch Series 50 - 30 Speed Rating Pattern Design Asymmetric

# Groove functions

 Circumferential grooves maximise water drainage and ensure optimal aquaplaning performance

### **Heat dimple**

 Heat dimple 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 hand capability







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# ECSTA LX KU27



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



# Application of 'Dimples'

 Efficient sipe opening assist with lateral grip and even wear

# 3-dimensional snow sipes like a shape of saw-tooth

 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 reduced road harmonics



65 - 40 V - W

Asymmetric







# Terms and conditions apply



# ECSTA XS KU36



Excellent dry performance

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

Extreme dry grip and handling performance with latest street racing technology

# Rim Size 15 - 19 inch Series 50 - 30 Speed Rating W Pattern Design Asymmetric

### Centre

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

# Inside design

 Cross grooves and two circumferential grooves give active running performance and optimise hydroplaning

### Outside design

- Rib and shoulder block combination provide larger footprint for improved lateral loads
- Rib/Block combination improve wear







# ECSTA SPT KU31



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

Rated 'Recommendable' by 4 major German Car magazines including AutoBild Received an Australian Design Award

# 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



14 - 22 inch

55 - 30







# Terms and conditions apply

# **KUMHO TYRES**

# ECSTA 4X KU22



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 design





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For peace of mind ensure you're covered against tyre damage resulting from:

POTHOLES • HITTING GUTTERS • OBJECTS ON THE ROAD

Low profile high performance tyres come at a price, so why not protect your investment with Kumho's 'No Worries' Road Hazard Warranty.

You'll be guarded against tyre damage due to road conditions such as potholes, gutters and foreign objects on the road.



**KU19** 

At only \$3.95\* RRP per tyre you can have peace of mind at a small price.



KH31

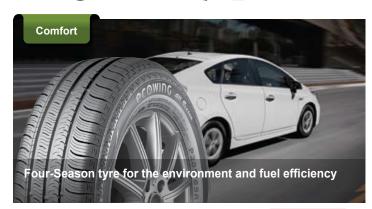




KU27



# **ECOWING All Season** KH30



Created based on Kumho Tyres' own technological expertise, the environmentally friendly ecowing KH30 demonstrates outstanding fuel saving benefits



High levels of rolling resistance leads to better fuel efficiency, while not compromising the tyre's on road performance

This newly introduced ecowing All Season saves fuel by 5.5% compared to previous models

It demonstrates Kumho Tyres' great concern for the environment

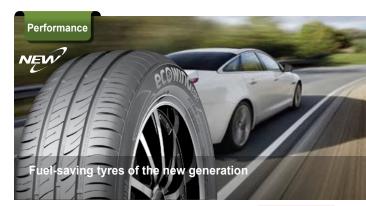
# Tread area strength increased Better fuel efficiency, handling performance and steering stability LRR(Low Rolling Resistance) compound applied Rolling resistance reduced and fuel efficiency improved Optimal sidewall profile design Optimal side profile to reduce rolling resistance(RR) Optimal apex profile Better fuel efficiency and handling performance 14 - 17 inch 70 - 50 H-V Asymmetric

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eco-Friendly

Ride Comfort

# **ECOWING ES01 KH27**



The ecowing has all the economy and eco-friendly characteristics of the KH30 with greatly improved handling



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



# Better wet grip & traction performance

- By hard rib type design and improved block by center rib style pattern

### Handling & cornering

- Closed & notch shoulder gives better handling, better wet grip by notch

### LRR(Low Rolling Resistance)

 Special high dispersion silica for high rubber affinity to improve new sidewall material that minimises sidewall deformation and lower energy lost

# Improved handling

- Longitudinal 3 channel & wide lateral groove improves water clearance for high levels of wet performance. And optimised cornering performance design



Asymmetric



Fuel efficiency





\* Terms and conditions apply





# SOLUS KH17



Non directional tread design and low noise with Silica based tread compound

New design built to withstand the rigours of urban driving

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

First place for two consecutive years in a tyre test held by Russian Automotive magazine, Za Rulem Rated 'Very Recommended' by ACACmotorwelt magazine

# **KH18**



Non directional tread design and low noise with all season compound

Manufactured in our new Chinese plants for the value conscious consumer who requires an economical replacement tyre that doesn't compromise performance and safety



### **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 for improved 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





# Rim Size 14 - 16 inch

65 - 55

H-V

# 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





e Comfort Sile



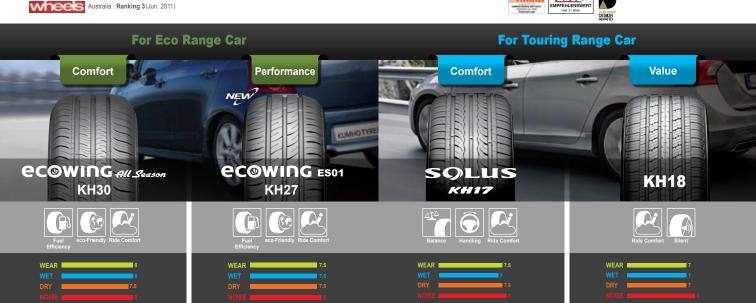


USA: Ranking 1 (Aug. 2011)

äüto



USA: Ranking 3 (Jul. 2009)







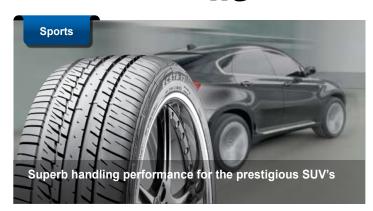








# ECSTA X3 KL17



Asymmetric tread design with low noise and up-grade UHP tread compound for SUV vehicles

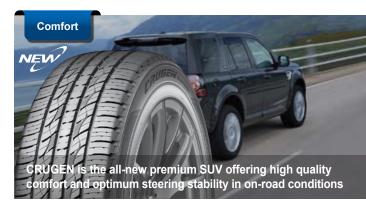
Received an Australian Design Award

Designed for luxury and sporty SUV's

Outstanding resistance against aquaplaning with high cornering stability

Also gives a quiet and comfortable ride

# CRUGEN Premium KL33



High class premium all season touring tyre for luxury SUV's

Lower noise & outstanding ride comfort

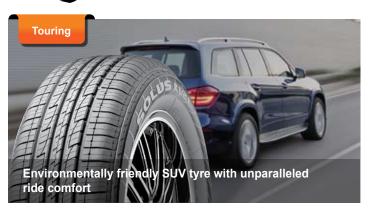
Well balanced dry & wet traction







# SQLUS KL21@



Non directional tread design and low noise with silica based compound on most sizes

Original Equipment (OE) fitment to over 40 vehicles

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

# Wet performance

- 4 channel main grooves for reduced hydroplaning
- Embossing shape within the grooves act as stone ejector

# Handling stability

 Center solid rib block to increase handling stability

### Traction performance

- Bite edge, Sipes & Lateral groove to increase snow traction/performance

# Noise performance

Optimised variable pitch technique applied to minimise noise during travel



Terrain





Ride Comfort Handling

# ROAD VENTURE APT KL51



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

Third best in 2008 SUV tyre test performed by 'Consumer Reports' magazine in the USA



# Solid centre rib

- Enhances stable driving and offers a comfortable ride at high speeds

### 4 main radial grooves

- Improve aquaplaning performance

# Wide 'Caramel' block rib

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

# Closed shoulder block

 Offers lower noise and stabilised handling performance at lane change

### Z shaped sipes

 Presents a refined image and improve wet and snow performance



Terrain





Terms and conditions apply



# ROAD VENTURE AT KL78



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

Selected as "Off Road Tyre 2009" by the editorial staff of German 4x4 magazine "Off Road"

# ROAD VENTURE SAT KL61



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



### 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







# MWAY 6.5 TRACK 9 MUD 8 GRASS 7 SAND 6

# 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







^ Terms and conditions apply

# ROAD VENTURE MT KL71



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





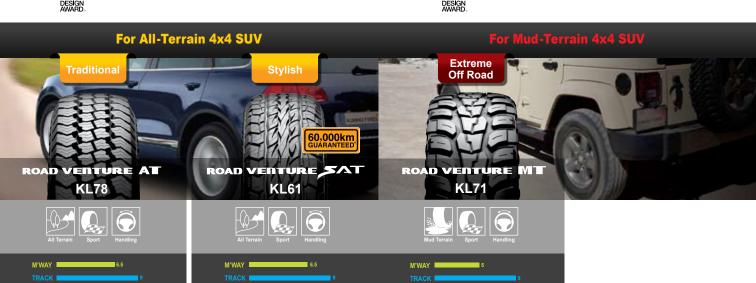






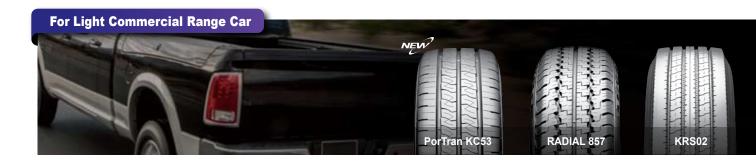












# PINK FITTERS DAY

SATURDAY 4TH MAY 2013

Kumho tyre dealers around the nation will be wearing pink shirts on Saturday 4th May, 2013 in support of the McGrath Foundation. The proceeds raised from these shirts will be donated to the McGrath Foundation along with \$5° for every Kumho Tyre fitted on the day.

So when you're thinking about purchasing new tyres for your vehicle, think pink, and join us in helping the **McGrath Foundation** support Australian families experiencing breast cancer.

"SI devotes from participating deuters mily.







100,000 GOOD REASONS

To go with Kumho And support the McGrath Foundation



30 Please visit www.kumho.com.au for more information 31

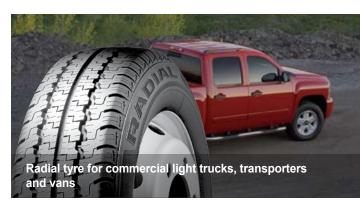


# PorTran KC53



New generation for light commercial vehicle tyre with high mileage and good handling properties

# RADIAL 857



Solid commercial construction delivers high levels of durability and reliability for a light commercial usage



# **Handling Performance**

- Wider tread width & solid center rib for dry handling
- Increased cavity volume wide straight circumferential for wet handling/ aguaplaning

# Low RR and high mileage

- Rib style tread pattern
- · Optimised pitch sequence with multi-pitch
- · Optimised void design to maintain rib stiffness



# Improved traction performance

Deep zigzag grooves for increased mileage and traction

# Improved ride & noise

- Straight centre groove and sipes on four ribs to improve ride and noise







Efficiency

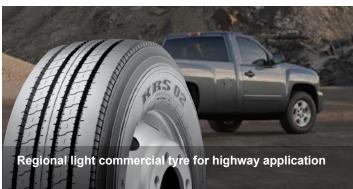
Commercial



Efficiency 32



# KRS02



Regional steer tyre for highway application

5 Rib design allows wider belt package for greater steering stability

Outstanding wear resistance in heavy load conditions

Four wide groove design improves hydroplaning resistance

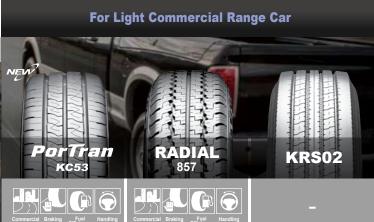


# Wide and strong shoulder ribs

- Wide and strong shoulder ribs resist irregular wear and scrubbing on curvy road
- Mini-sipes on the groove wall of five ribs improve even tread wear and traction

# Stone ejector implanted

- Stone ejector implanted on central grooves bottom helps prevent stone drilling
- Tread centering groove potentially enhances uniformity, handling and wear by improving centering of tread component











# Sports Marketing

Kumho has an involvement in sporting codes as part of our brand awareness campaigns.

From a global perspective, Kumho Tyres is aligned with champion basketball team LA Lakers and locally with the famous Sydney Rugby League Club, St. George Illawarra Dragons, AFL's Richmond Tigers and Adelaide Crows.



LA Lakers



lational Rugby League



# Kumho is becoming part of Australia's great sporting

heritage and winning spirit.

In motorsport Kumho Tyres supplies tyres for cars in:

ARC (Australian Rally Championship)
Australian Formula 3 Championship
Kumho Tyres V8 Touring Car Series
Major competitors in Targa Tasmania



Mr. June 4



s Targa Tasman.



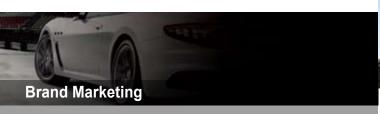
Kumho Road Hazard Warranty gives the customer peace of mind when purchasing Kumho Ultra High Performance tyres.

Kumho will replace a tyre free of charge if the tyre is damaged from potholes, gutters and objects on the road.

The guarantee is valid for the first 25% of the tread or the first twelve months from original store invoice date.

The recommended retail price is \$3.95 per tyre.







# **Terms and Conditions**

All offers available at participating dealers only.

Mileage guarantee is a pro-rata guarantee, meaning you are refunded for mileage not achieved. A service schedule is included in the guarantee program. See in store or on our website www.kumho.com.au for full terms and conditions. \*Fuel savings of up to 5.5% for Kumho ecowing All Season KH30 and up to 5.1% for Kumho ES01 Season KH27. Fuel Savings are due to increased rolling resistance. The Ecowing All season KH30 testing was undertaken by the Korea Automobile Testing and Research Institute (KATRI) in Korea in December 2009. Ecowing All Season KH30 tyres where tested against regular compound Kumho KH16 tyres and other brand tyres and found to provide fuel savings of up to 5.5%. The Ecowing ES01 KH270 testing was undertaken by North Shore Sporting Car Club in Australia in March 2013 against a silica compound Kumho KH17 tyre and found to provide a fuel advantage of 5.1%. Environmentally friendly compound is a HA oil free compound in which the extender oil is compliant with EU legislation applicable starting 2010. (so called High Aromatic oil has been eliminated). #Roadhazard warranty is valid for the first 25% extender oil is compliant with EU legislation applicable starting 2010. (so called High Aromatic oil has been eliminated). #Roadhazard warranty is valid for the first 25% of the useable tread life or 12 months which ever occurs first. YOUR RIGHTS - Our mileage guarantee and road hazard warranty is in addition to other rights and remedies that you have under a law in relation to the goods that we provide. Further, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.







# Why Choose Kumho?

Kumho Tyres was established in 1960, and is now ranked as one of the top ten tyre companies in the world. We have a global presence across 180 countries and produce more than 68 million tyres every year.

# Contribution to society

To make a difference in the Australian community, Kumho thinks globally and acts locally. Our commitment to local causes has seen substantial contributions that have a positive effect on many lives.

One such action is our support of the McGrath Foundation, donating \$100,000 annually to assist in breast cancer awareness and the provision of breast cancer nurses in Australia's under-resourced rural areas.

Our annual "Pink Fitters Day" sees over 2,000 tyre dealers wearing pink to raise thousands of dollars.

### **Product & Innovation**

We are always striving to create the best product possible and at Kumho, this means reducing the impact of cars on the environment. Our "Eco-Wing" is our new range of environmentally friendly tyres. Their 'nano' compound technology provides lower rolling resistance and road friction, boosting fuel efficiency by up to 10% and reducing CO<sub>2</sub> emissions. Their long tread life also reduces the rate of tyre disposal, meaning less bald tyres in landfill.

And that's just the beginning. Our commitment to Innovation has led to the development of the Aroma Technology Tyre - the world's first scented tyre.

The perfume - predominantly lavender with hints of mint, iris and white musk - can be smelled within a 10-metre radius of the vehicle, and was chosen for its therapeutic qualities.

But it's not all about the nose. Aroma Technology tyres also give a 7.5% increase in performance, with above-average traction and braking, improved ride comfort and very low noise characteristics. Now that's the sweet smell of success!

# The Big Car Brands Choose Kumho

Kumho tyres are the first choice for millions of car owners across the globe. And there can be no better recommendation than being first choice in the factory. In this regard, the trust in Kumho tyres runs deep. Our tyres are fitted as factory standard on many famous car brands including Holden, Hyundai, Kia, Mitsubishi, Mercedes-Benz and

### Local Experience

When it comes to Australia, Kumho has been selling tyres here for over 30 years.

We employ more than 100 staff, and have expanded over time through carefully managed growth and development. Each year, over 1.3 million tyres are distributed from our five warehouses.

### Locations

Kumho tyre retailers are amongst the best in the industry. They are fully trained at the Kumho Academy and can be found at over 500 locations across the country. Your local dealer's location list can be found at www.kumho.com.au

# your circle of trust



KUMHO TYRE AUSTRALIA PTY., LTD.

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