ventus S1 evo3 ev

Tyre Structure

(What's difference from Ventus S1 evo3)

Low Rolling Resistance

New LRR compound has been decreased 10% Rolling Resistance than the previous product. Reduced rolling resistance saves fuel and cuts CO_2 emissions in ICEV. In EV, meanwhile, It helps to increase vehicle's maximum range.

Lightening, but more Sporty

The volume & construction of tyre has been more optimize and lighter than Ventus S1 evo3. By Lightening, tyre has been improved handling performance and efficiency of mileage.

Bead Reinforcement

By reinforcement of bead, tyre can be endured high initial acceleration of EV and high cornering stiffness.

Size and Specifications

M Code	Size	TW	Inch	R.R	Wet	PBN	Applied vehicle
55 Series							
1025134	225/55R19Y XL	225	19	B	A	71	Porsche Taycan (Front)
45 Series							
1025135	275/45R19Y XL	275	19	B	A	72	Porsche Taycan (Rear)

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www.hankooktire.com/uk

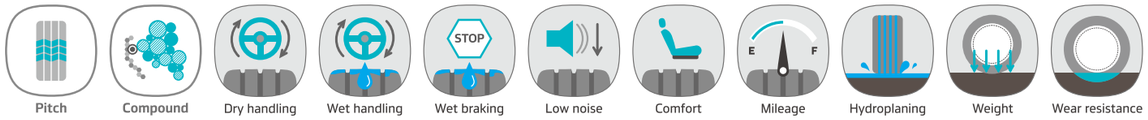
220221_K127E

ventus S1 evo3 ev

Dynamic and Efficient Control
for High Performance Electric Vehicles

ventus S1 evo³ ev

Dynamic and Efficient Control for High Performance Electric Vehicles



Customer Benefits and Technology

Handling

A Aramid Hybrid Cord

This prevents the diametrical increase of the tyre from the effects of centrifugal forces encountered during driving to minimise tread deformation, this also assists to neutralise the lateral forces applied during any change from the direction of travel. The Aramid hybrid cord enhances the handling stability of the tyre by reducing the abnormal loadings to one side of the tyre during cornering, offering a more stable platform.

B Interlocking Groove

Ventus S1 evo3 ev is equipped with interlocking outside grooves to secure wet grip and prevent hydroplaning on slick surfaces. This reinforces its performance on wet roads and cornering in the rain, without compromising dry handling performance.

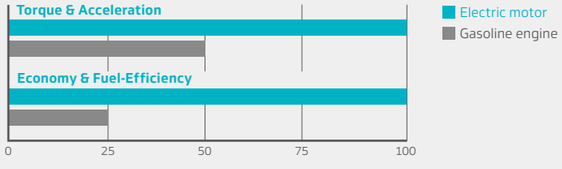
* Technology Patent: 10-2018-0109541

Straight groove (Conventional) | Interlocking groove

Durability

C Highly Stiff and Wide Center Rib for EV

The electric motor can provide powerful acceleration. Rapid acceleration can result in slippage and abnormal abrasion. The Ventus S1 evo3 ev is designed to minimize this effect and provide confident traction.



RR / Wet / PBN

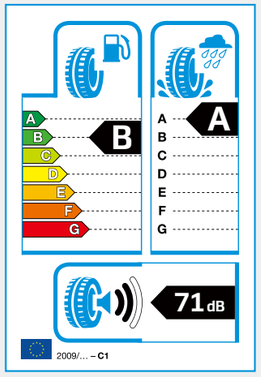
D EU Tyre Labelling Regulations

Fuel efficiency
rolling resistance (R.R)

Wet grip
braking performance

Noise level
external rolling noise

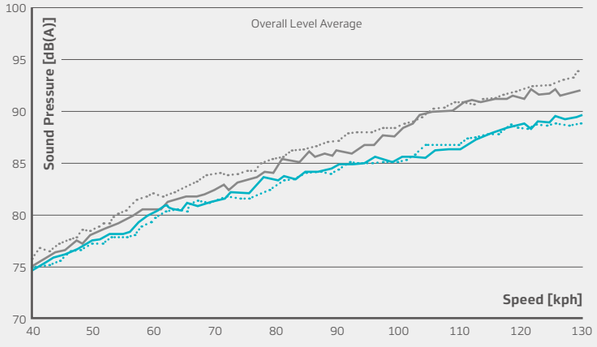
* EU Label information may vary by size. Please refer to the attached "sizes and specifications list" for details.



E Low Noise

The Electric Vehicle's engine-less design magnifies noise from the tire and road surface. Secured the tire's low-noise performance to maintain the comfortable performance of the EV driver. We focused on minimize volume of lateral groove for maximizing low noise.

Noise Test Data (K127 vs K127E)



(K127E has 2~3dB lower pattern noise than K127.)

J1 Front (K127E) | J1 Rear (K127E)
Boxster Front (K127) | Boxster Rear (K127)