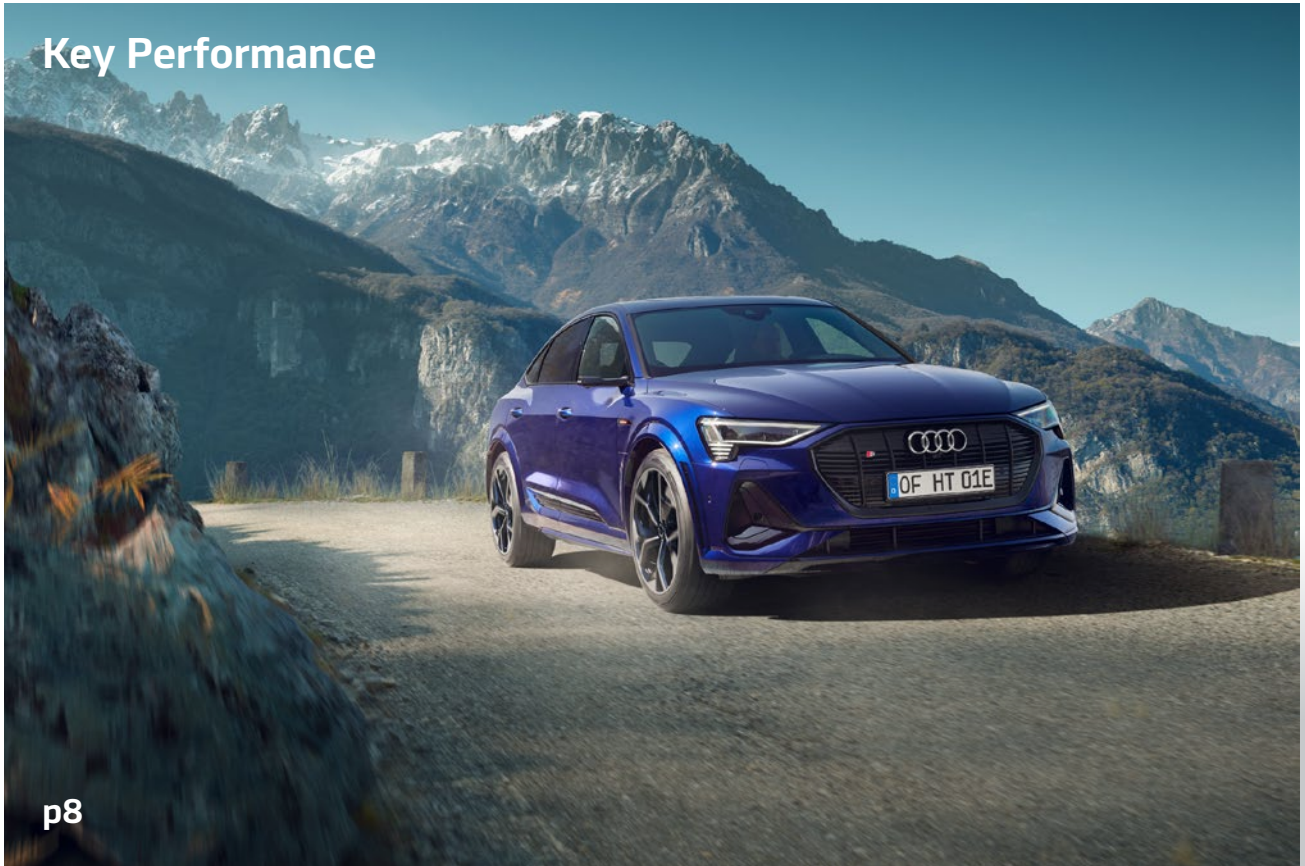


ION evo AS **SUV**
ION evo AS

EVolutionized to perform and last

Specifications

p3



Available Sizes

p13

Specifications

ION evo AS **SUV** *ION* evo AS for Electric Cars

Technical Profile

Tread width

225-285

Series

35-60

Inch

18-22

Speed symbol

H, V, W, Y

UTQG

600 / A / A

Applied Technology & Tire Performance



Evolution
compound



Hankook Evolution
Technology



Hankook Sound
Absorber™



Mileage



High grip



EV handling



Low noise



The iON Family

The iON Family

iON Winter
iON Winter **SUV**

WINTER STUDLESS

iON evo **AS** **SUV**
iON evo **AS**

ALL-SEASON

iON evo
iON evo **SUV**

SUMMER

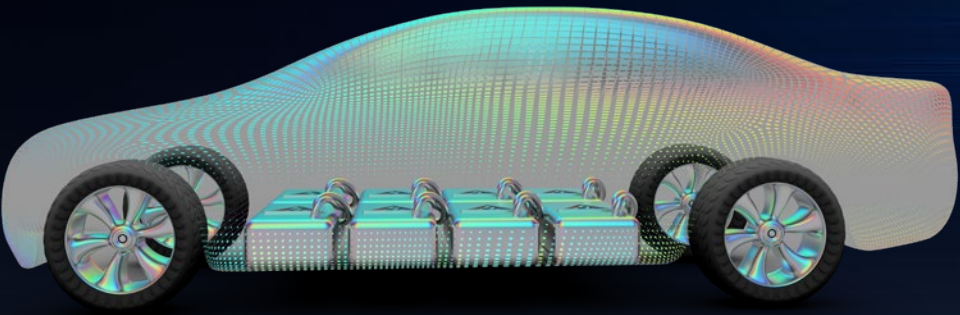


Vehicle Fitments

		 Compact Car	 Sedan	 Sport Sedan	 Sport & High Performance Car	 Compact & Medium SUV	 Large & High Performance SUV
Summer	Sport						
All season	Performance						
	Grand Touring						
	Standard Touring	  				 	
All weather							

Electric Vehicle Characteristics

※ Source: Hankook R&D internal data



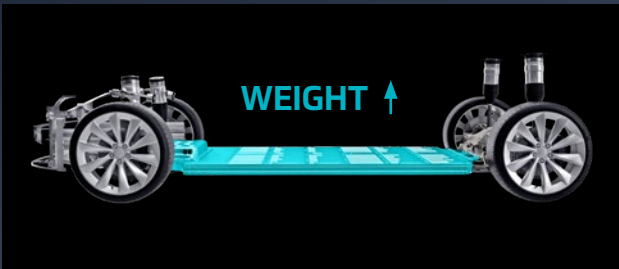
Quieter Condition

Electric vehicles are quieter than regular vehicles. Absorbing vibrations and noise from the road is a must for tires to maintain quietness.



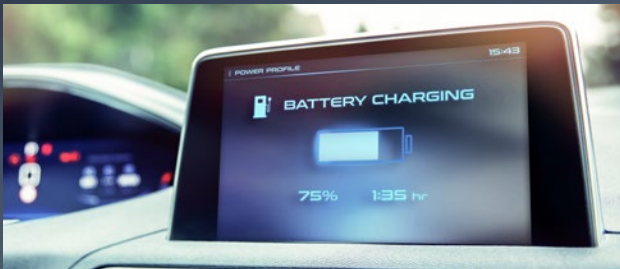
Heavier Body

The battery weight causes electric vehicles to be 25-30% heavier than regular vehicles. Tires should bear the weight to properly steer your vehicle to the destination.



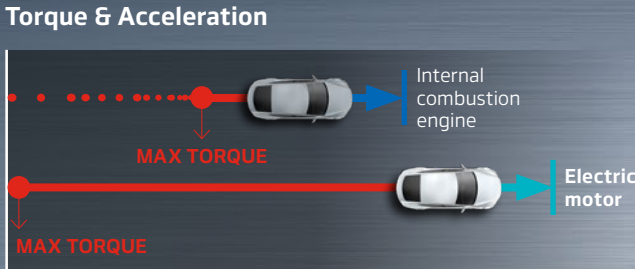
Electric Powered

Electric vehicles are powered by electricity, which requires tires with reduced rolling resistance to secure driving distance and minimize energy charging.



High Torque

Electric motors generate full torque from initial acceleration, which requires the tire to endure high torque and acceleration safely when your journey starts.



Hankook EVolution Technology

Hankook EVolution Technology is aimed to provide a customized performance for electric vehicles by realizing all the required performance without any trade-offs.



Electric Vehicle Tested Performance Ratings

For ICE Vehicles



All-season SUV Touring Tire

Optimized for ICE vehicles, these tires will not perform as well as on ICEs when mounted on electric vehicles.

Handling	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Grip	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Rolling Resistance	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Noise	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

Tailored Specifically for Electric Vehicles



iON evo AS SUV

Tailored specifically for high-end electric vehicles, the iON evo AS SUV (and iON evo AS) is the answer to maintaining class.

<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

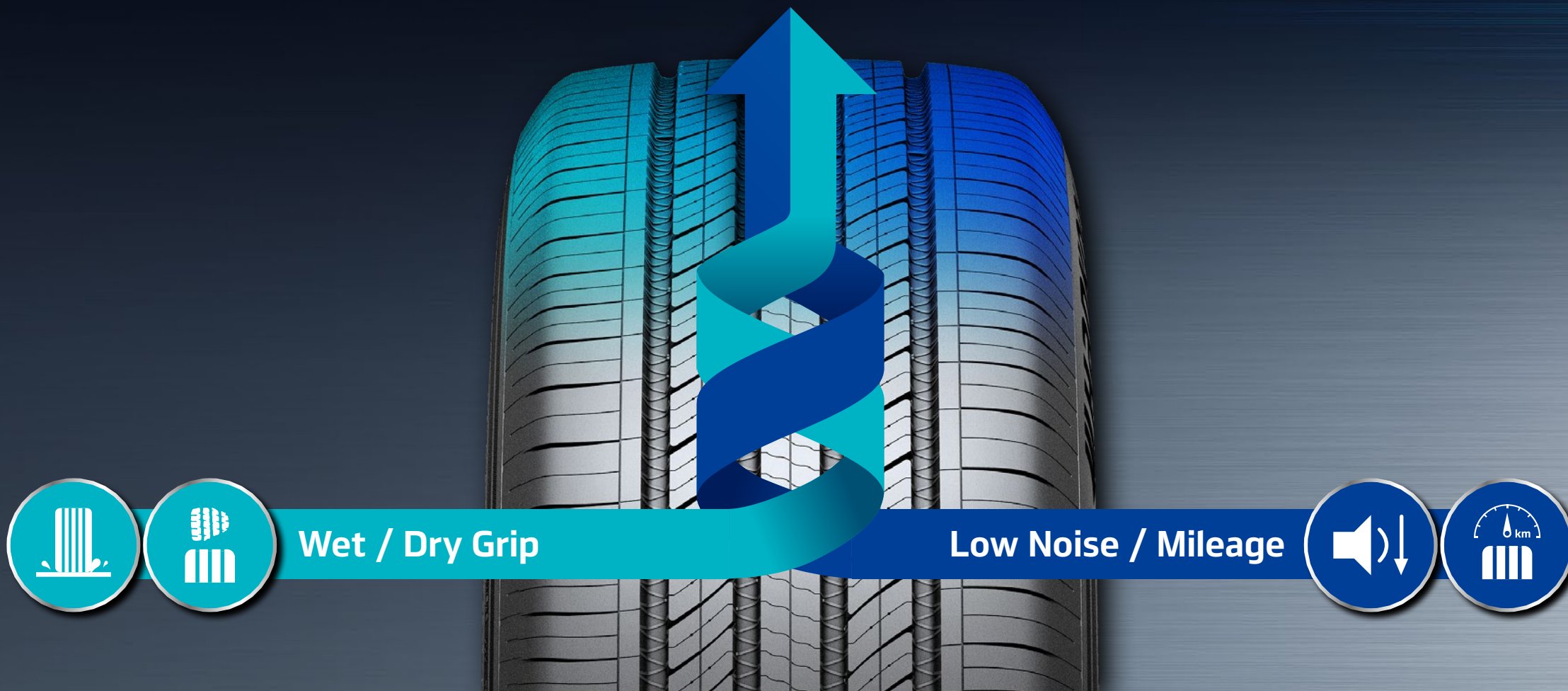


* Equipped with all the technology applied in the ABB FIA Formula E World Championship official tire

Double the Advantage

Thanks to Hankook's EVolution technology, the iON evo AS SUV (and iON evo AS) has pushed the limits to bridge the gaps between grip performance and noise / tread wear.

UNCOMPROMISED PERFORMANCE



Wet / Dry Grip

Low Noise / Mileage



Drive in Peace

Noise Proof Technology

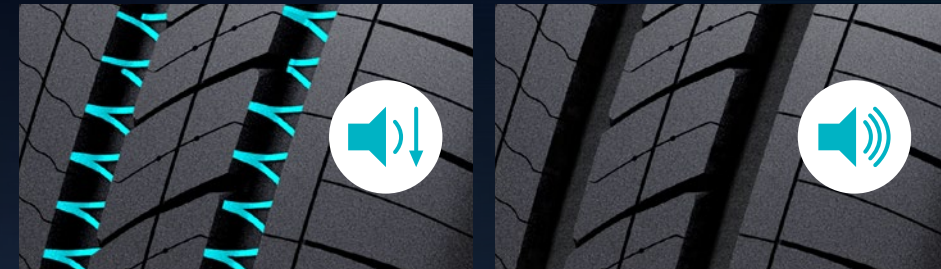
Electric motors are almost soundless which eventually causes the driver to hear more noise from tires. With the Hankook Sound Absorber™, the iON evo AS SUV (and iON evo AS) offers a quiet and pleasant ride in all speed ranges.



Minimized Tread Pattern Noise

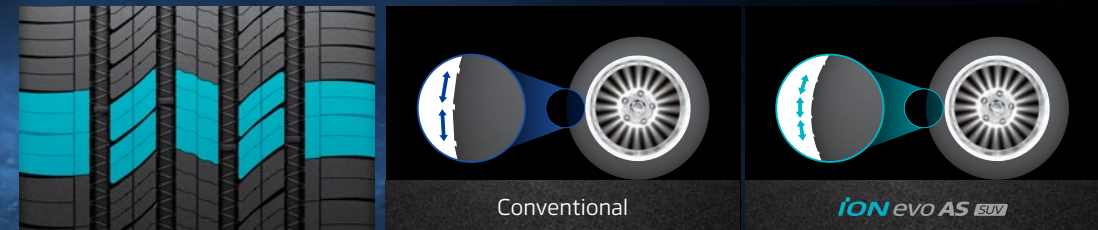
Knurling Technology

The iON evo AS SUV (and iON evo AS)'s knurling technology applied inside the grooves effectively reduces tread pattern noise during road contact by narrowing the air path, without losing the groove's intended features.



Optimized Multi-Pitch Sequencing

Tire noise can be drastically reduced by optimizing the pitch sequence. iON evo AS SUV (and iON evo AS) has optimized the number and size of pitches to listen more to what matters.



Minimized Cavity Noise

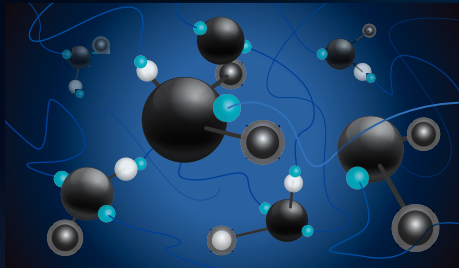
Noise Absorbing Material

By applying a noise absorbing material inside, cavity noise is decreased up to 9dB.

Go Further for More Experience

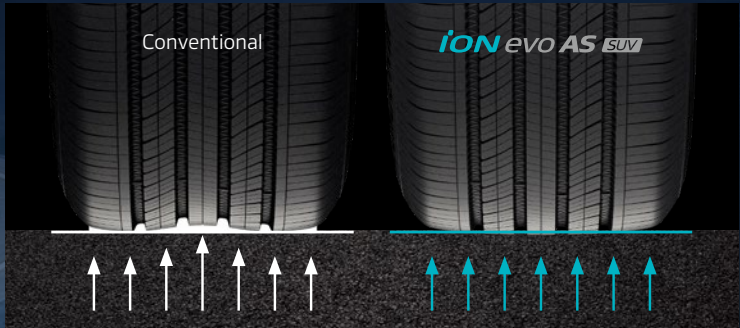
Even Tread Wear and Enhanced Mileage

Battery weight makes electric vehicles up to 30% heavier than ICE vehicles, which frequently causes uneven wear on tires. The iON evo AS SUV (and iON evo AS) is made of a compound specifically made for electric vehicles to evenly spread road pressure and extend tire life in a healthier condition.



Extended Tread Life EVolution Compound

Composed with high-concentration silica and eco-friendly materials, the EVolution compound provides satisfactory mileage and improves wet performance.

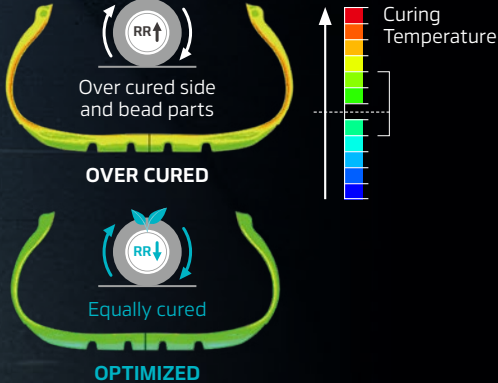


Even Tread Wear Optimized Ground Pressure Distribution

Tires equipped on electric vehicles wear out approximately 20% faster with uneven wear than on ICE vehicles. Designed to spread the ground pressure evenly, the iON evo AS SUV (and iON evo AS) provides longer usage and less replacement.

Extended Range Optimized Curing

Thanks to Hankook's advanced compound and optimized curing technology, the rolling resistance is reduced to drive a long distance with a longer-lasting battery.



Hold Tight, Stay Strong

Exceptional Grip and Enhanced Rigidity

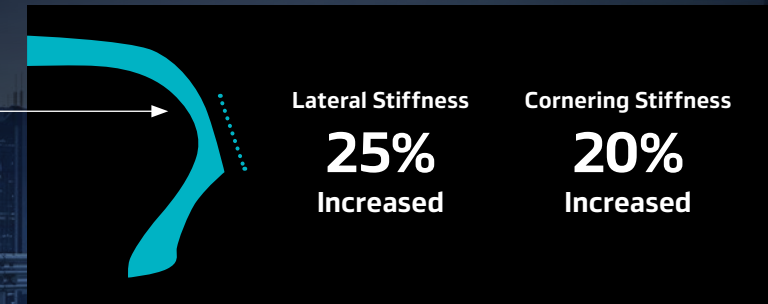
Considering electric vehicles are up to 30% heavier than conventional ICE vehicles, the iON evo AS SUV (and iON evo AS) is applied with a high rigidity profile and tread design that provides an exceptional grip to perform equally on dry, wet and mild winter roads.



Enhanced Cornering Stability

EV Contour Technology

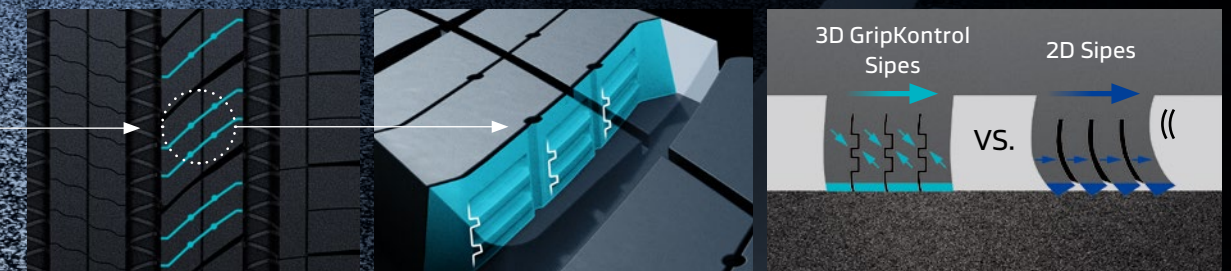
To bear weight of electric vehicles, tire stiffness is essential to improve. Hankook's EV Contour Technology increases lateral rigidity by 25%, and cornering rigidity by 20% compared to all-season touring tires for ICEs, to advance electric vehicle grip performance.



Improved All-season Handling

3D GripKontrol Sipes

The 3D GripKontrol sipes are placed on the main treads to keep the tire in an optimized shape. This helps to provide outstanding grip performance on dry, wet roads and light snow.



Tire Structure

EVolution Compound

Composed with high-concentration silica and eco-friendly materials, the EVolution compound provides **satisfactory mileage and improves wet performance.**

Jointless Reinforcement Belt

A jointless reinforcement belt is applied to maintain an optimized shape during high-speed driving.

High Strength Steel Belt

A high strength steel belt is applied to **absorb impact** and to **improve durability and comfort.**



Folded Edge Tape

Folded edge tapes are placed between belts for **additional durability.**

Jointless Bead Wire

Jointless bead wires help the tire to remain safely attached to the wheel with **increased binding force.**

Available Sizes



Inch	Series	Size	UTQG	Vehicle Fitment
22	35	265/35R22W XL	600 A A	Model X
		285/35R22W XL	600 A A	e-tron, Model X
21	35	255/35R21W XL	600 A A	Model Y
		275/35R21Y XL	600 A A	Model Y, E6
	40	255/40R21Y XL	600 A A	ID.4, GV60, EQC (F)
		285/40R21H XL	600 A A	e-tron
	45	235/45R21Y XL	600 A A	ID.4, EQC®
20	40	255/40R20W XL	600 A A	Model Y
	45	245/45R20Y XL	600 A A	Ford Mustang Mach-e
		255/45R20Y XL	600 A A	e-tron, Model X, ID.4, IONIQ 5, EV 6
		265/45R20V XL	600 A A	Model X
		275/45R20V XL	600 A A	Model X
	50	235/50R20W XL	600 A A	e-tron, ID.4, EQC
275/50R20V XL		600 A A	IONIQ7	
19	45	255/45R19W XL	600 A A	Model Y
	55	235/55R19V XL	600 A A	IONIQ5
		225/55R19V XL*	600 A A	Ford Mustang Mach-e
	60	255/60R19V XL	600 A A	IONIQ7
18	60	225/60R18V XL	600 A A	Ford Mustang Mach-e
		235/60R18V XL	600 A A	ID.4



Inch	Series	Size	UTQG	Vehicle Fitment
21	35	245/35R21Y XL	600 A A	Model S (R)
		265/35R21Y XL	600 A A	Model S, Taycan (F)
20	35	235/35R20Y XL	600 A A	Model 3
19	40	235/40R19W XL	600 A A	Model 3
	45	245/45R19W XL	600 A A	Model S, IONIQ 6
18	45	235/45R18W XL	600 A A	Model 3



Hankook Tire & Technology Co., Ltd.

286, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13494, Korea T +82-31-5178-7000

www.hankooktire.com

221014_IH01