



Battery EV



Plug-in
hybrid EV

HANKOOK
driving emotion



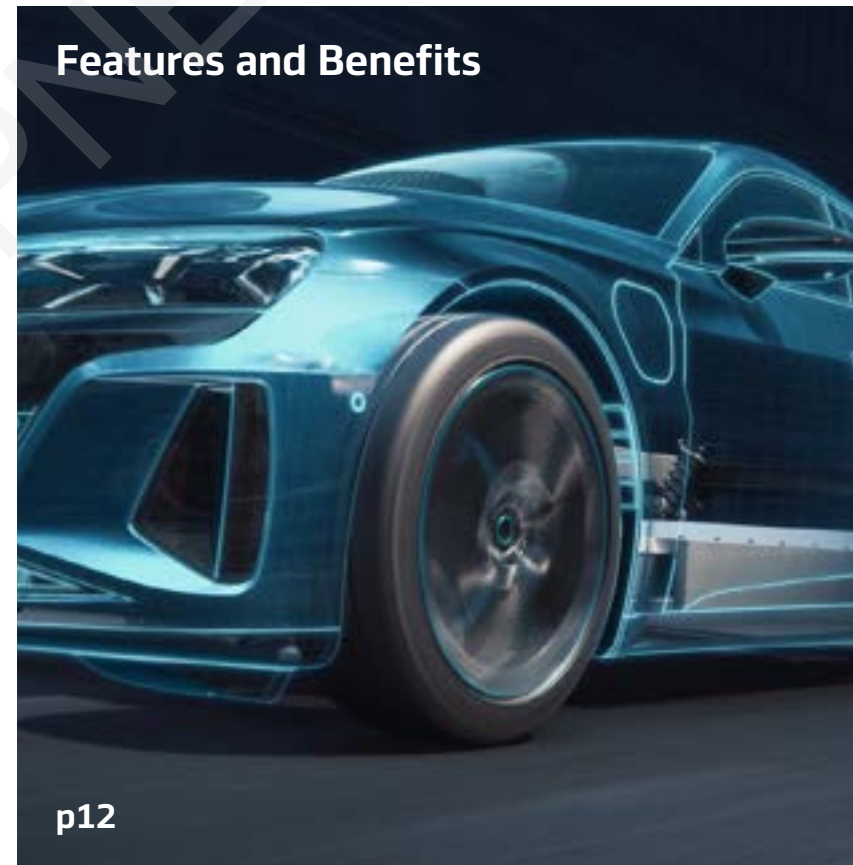
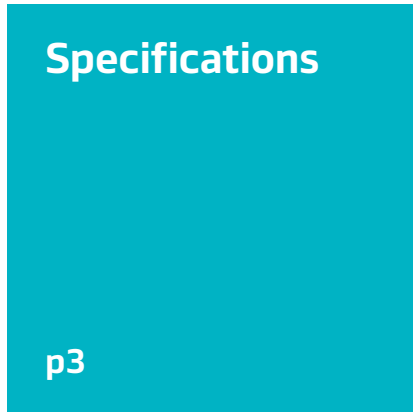
ION GT

ION GT **SUV**

More range, Less impact, EV perfected



CONTENTS



Specifications

ION GT *ION GT* **SUV**

Technical Profile

Tread width

165-245

Series

45-65

Inch

16-20

Speed symbol

T, H, V

EU Labeling (RRc/Wet Grip/Noise)

A / A / A



Applied Technology & Tire Performance

ION INNOVATIVE™
TECHNOLOGY



Low noise



Mileage



Low rolling resistance



Wet grip



Sustainable

The iON Family

The iON Family

iON STAS
iON STAS SUV
ALL-SEASON

iON evo AS
iON evo AS SUV
ALL-SEASON

iON FlexClimate
iON FlexClimate SUV
ALL-WEATHER

iON GT
iON GT SUV
SUMMER


iON evo
iON evo SUV
SUMMER

iON icept
iON icept SUV
WINTER
STUDLESS

iON Nordic ice
iON Nordic ice SUV
WINTER
NORDIC STUD



EV Size Coverage of iON

				 Compact Car	 Sedan	 Sport Sedan	 Sport & High	 Compact SUV	 Large & High SUV
Summer	Sport								
	Grand Touring								
All season	Performance								
	Standard								
All weather	Performance	M + S							
Winter	Non-Stud	Alpin	3PMSF						
	Stud	Nordic							

Triple the Advantage

Thanks to hankook's iON INNOVATIVE TECHNOLOGY, the iON GT (and iON GT SUV) has pushed the limits to bridge the gaps between grip performance and noise&tread wear.

UNCOMPROMISED PERFORMANCE



**Maximized
Sustainability 77%**



EV Perfected



More Adventure



EV Perfected



EV Features

EV Tire Requirements

Why iON?
iON INNOVATIVE
TECHNOLOGY

Quiet Operation

Low Noise
for Comfortable Driving



i Sound Absorber

Heavy Battery
(up to 30% weight increase)

Longer Tread Life
for Load Capacity



i Super Mileage

High Instant Torque

High Grip
for Rapid Acceleration and braking



i Perfect Grip

· **Long Charging Time** (0.5 to 8 hrs)
· **Travels <400 to 500km / charge**

Low Rolling Resistance
for Reduced Energy Loss



i Extreme Lightness



Battery EV



Plug-in
hybrid EV



iON

* Battery EVs and Plug-in Hybrid EVs share similar characteristics, making them equally well-suited for EV-specific tires.



Sustainable

Maximized Sustainability

Sustainable Materials for Tires

Sustainable Materials Content

77%

○ Renewable ● Recycled

Natural oil



Bio-based silica*



Sustainable PET cord*



Reclaimed rubber



Recovered carbon*



Recycled Bead wire



Sustainable carbon black*



Natural & Sustainable resin*

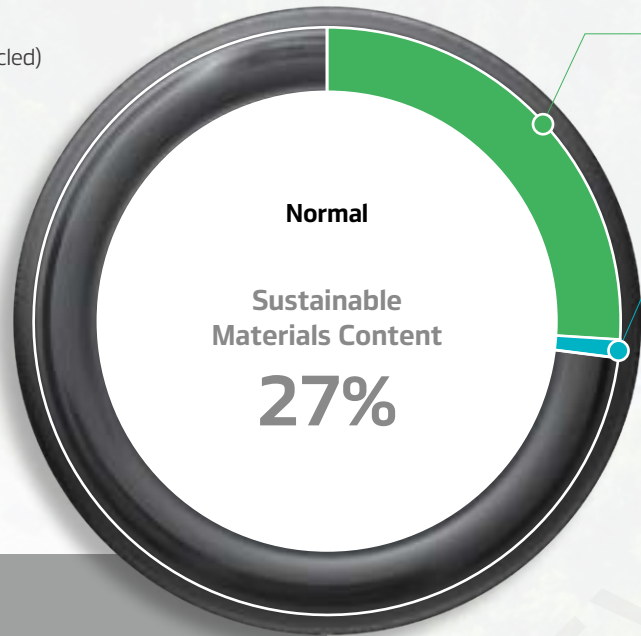


* Sustainable materials can be supplied from ISCC PLUS certified suppliers.



Maximized Sustainability

- Renewable
- Recycled
- Certified (Renewable&Recycled)
- Normal



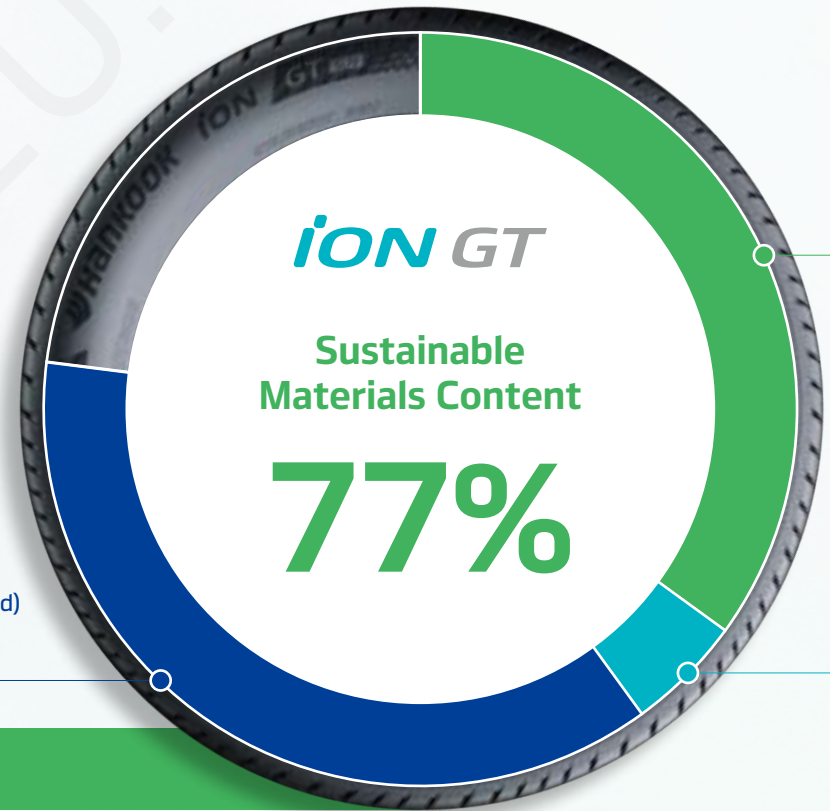
Renewable
26%

Recycled
1%

Certified
(Renewable&Recycled)
0%

Applied Sustainable
material technology

Certified
(Renewable&Recycled)
37%



Renewable
35%

Recycled
5%

The iON GT demonstrates exceptional performance without compromises, even when employing the highest levels of sustainable materials.



More Adventure

Aced All Grades

Triple A rated in EU Tyre label

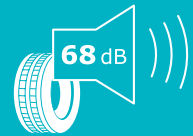
The iON GT (and SUV) achieved a hat-trick in the EU Tyre label grade which is extremely exceptional in the tire industry, and especially first for an EV exclusive tire.



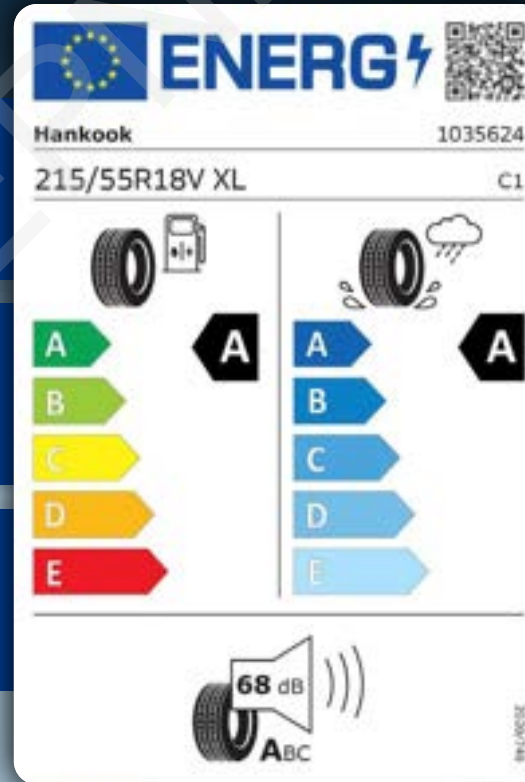
LOW ROLLING RESISTANCE



WET GRIP



LOW NOISE



* EU label grade varies by size.
Please refer to the 'Available Sizes' page for further information.

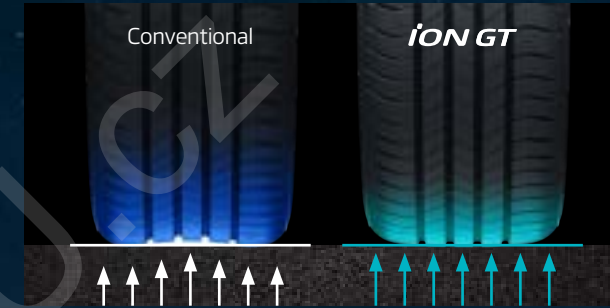
Go Further for More Experience

Enhanced Mileage and Even Tread Wear



i Super Mileage

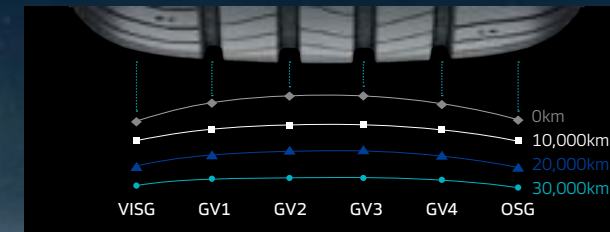
Even Tread Wear



Round Even

Tires equipped on electric vehicles wear out approximately 20% faster with uneven wear than on ICE vehicles. iON GT achieves uniform contact pressure by optimizing contact structure through Round Even Technology. The iON GT provides longer usage and less frequent replacement.

Extended Tread life



Opti Tread

Abnormal wear prevented by optimizing individual pattern block stiffness.

New Profile for Wear



New profile is applied for wear by increasing contact width. New pattern is applied with optimised contact ratio.

Mileage Test Results

Conventional	100
iON GT	120

※ Above internal result tested in 2024 (215/55R17)

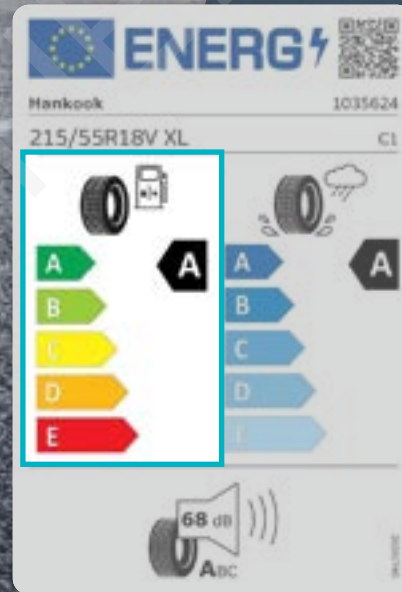
Features and Benefits

Charge Less, Cruise More

Extended Range



AAA
EU Tyre
Label



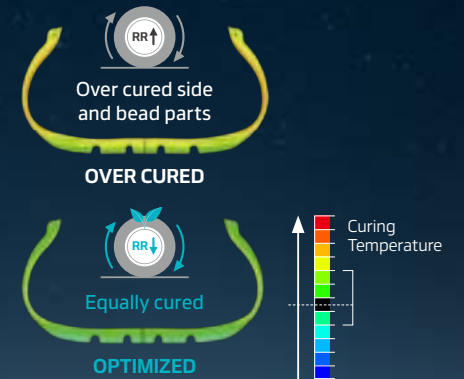
* EU label grade varies by size. Please refer to the 'Available Sizes' page for further information.

Extreme Lightness

Further Reduced Rolling Resistance

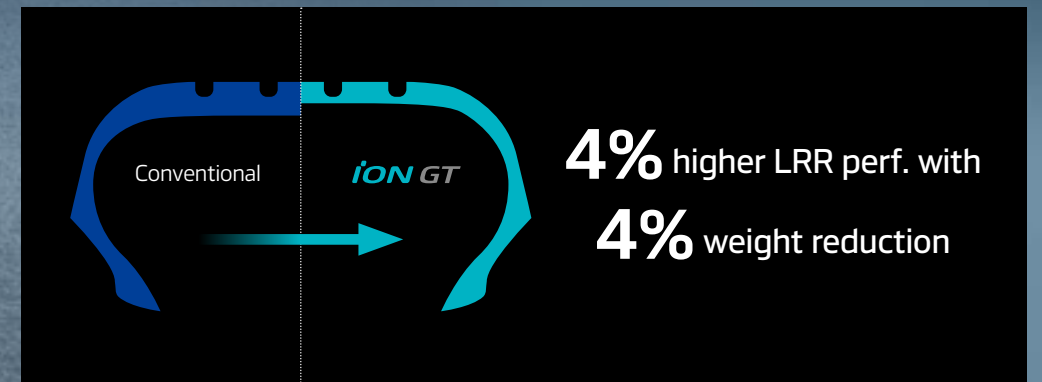
Opti Cure Technology

The iON GT achieved the highest grade of LRR performance by applying Opti Cure Technology which improves all parts of the tire equally.



Power Reserve

Optimized tire gauge with advanced structure design.



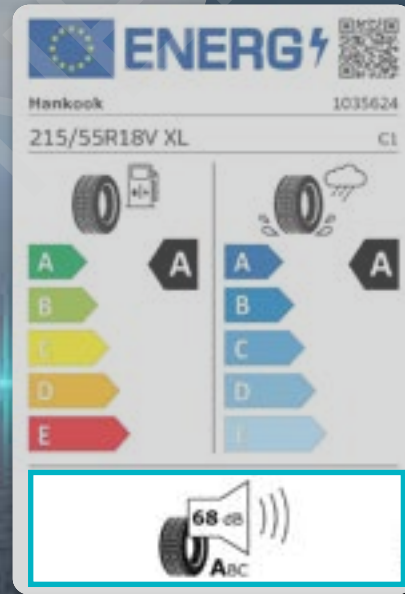
Features and Benefits

Drive in Peace

Quiet Driving with Noise Proof Technology



AAA
EU Tyre
Label



i Sound Absorber

Noise Guard (Cornhusk patent technology)

Realizing tire noise reduction through patterns, structure and tests. The corn husk surface structure with superior acoustic performance applied to the grooves to disperse noise.

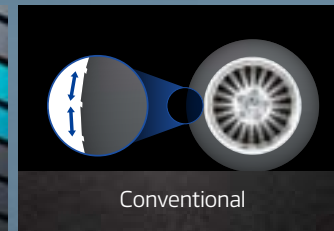


- 1.2~1.7 dBA
(pattern noise frequency band
around 1000Hz)

Minimized Tread Pattern Noise

Opti Pitch Technology

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



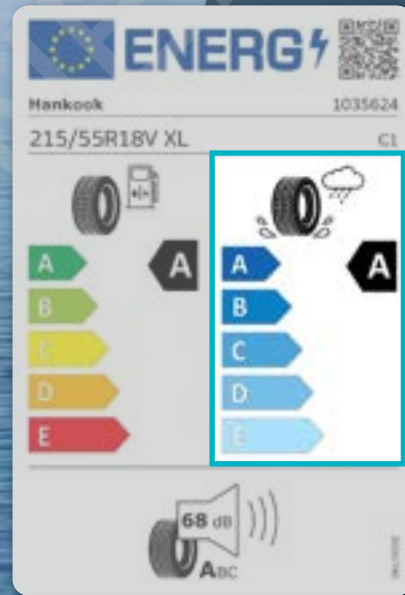
Conventional



iON GT

Grip Maintained in the Rain

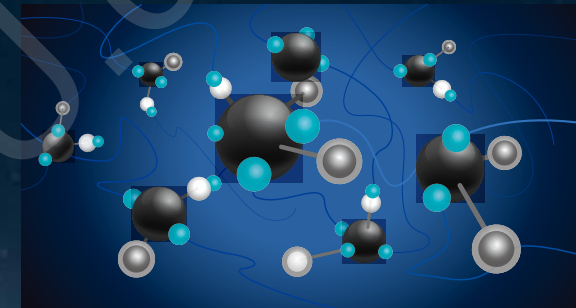
Safer Driving with Outstanding Grip Control on Wet Roads



Perfect Grip

ProGrip Compound

Achieved higher wet surface grip by combining high-density silica with innovative eco-friendly materials.



Wet Grip
max **5%** higher



Cornering
Stiffness
10%
Increased

Enhanced Cornering Stability Grip Boost Technology

It is essential to improve tire stiffness to bear the weight of electric vehicles. Grip Boost Technology increases cornering stiffness by 10% to improve the electric vehicle's handling performance.



Aramid

Improved Steering at High Speeds

Aramid Hybrid Reinforcement Belt

A reinforcement belt mixed with the most advanced fiber, Aramid, is applied on the iON GT (and SUV) to improve steering performance and maintain an optimized shape during high-speed driving.

Available Sizes

iON GT

iON GT **SUV**

Inch	Series	Size	Rolling Resistance	Wet Grip	Noise Class	PBN	Product name	Available vehicle
19	45	235/45R19V XL	A	A	A	69	iON GT SUV	Smart #1
	50	215/50R19V XL	A	A	A	69	iON GT	VW ID.3
18	50	235/50R18V XL	A	A	A	69	iON GT SUV	Smart #1
	55	*215/55R18V XL	A	A	A	69	iON GT SUV	VW ID.3
		235/55R18H XL	A	A	A	69	iON GT SUV	Benz EQA& EQB
	60	235/60R18H XL	A	A	A	69	iON GT SUV	VW iD.4, Skoda Enyaq iv
17	50	215/50R17V XL	A	A	A	69	iON GT	Hyundai iONIQ EV
	55	205/55R17V XL	A	A	A	69	iON GT SUV	Citroen E-Berlingo
		*215/55R17V XL	A	A	A	69	iON GT SUV	Hyundai Kona EV
	60	215/60R17V XL	A	A	A	69	iON GT SUV	Peugeot e2008
16	60	205/60R16H XL	A	A	A	69	iON GT SUV	Hyundai iONIQ EV

* The specifications will be available from Sep. 2024, and others will be available from Jan, 2025.



LEMVETMEUJ.CZ

Hankook Tire & Technology Co., Ltd.

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

www.hankooktire.com