



**FEDERAL<sup>®</sup>**  
**TYRES**

# **FORMOZA GIO**

***Product Description***

# Features



***Enhanced  
Fuel Efficiency***



***Reduced  
Noise Levels***



***Elevated  
Wet Grip***

**GIO  
Technology**





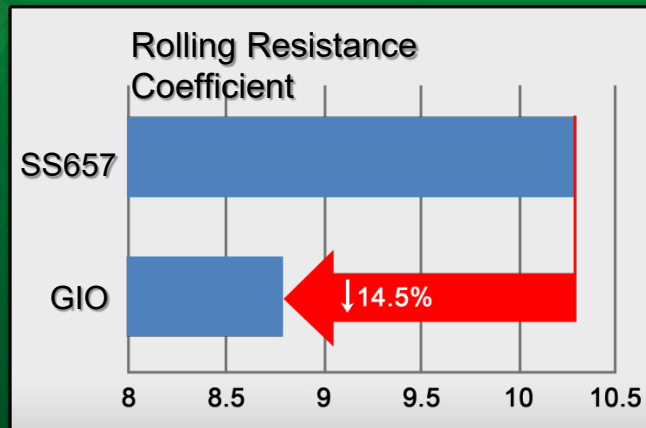
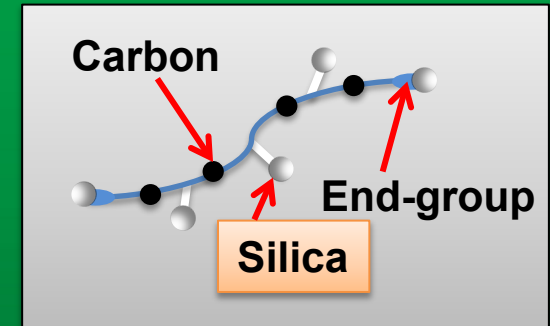
## Honeycomb design on sidewall

With more space for heat dissipation, both the heat tyre creates and rolling resistance coefficient are reduced.



## Heat-lowering material added to special compound

Silica included to cool the heat tyre generates while travelling as well as Rolling Resistance Coefficient.



## Test condition

Based on ISO28580

## Test tyre size

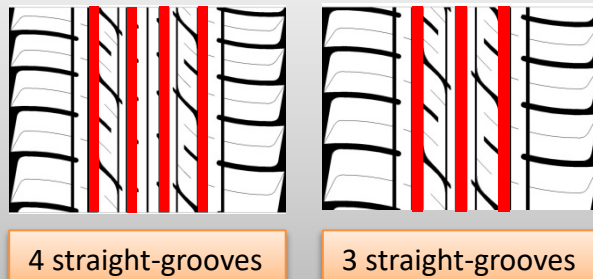
195/65R15 91H



# Enhanced Fuel Efficiency

## Straight-groove Application

- ◆ For width 185mm or more, 4 straight-grooves are applied for strengthening wet grip.
- ◆ For width 175mm or lower, 3 straight-grooves are applied for maintaining best handling and traction on wet surface.

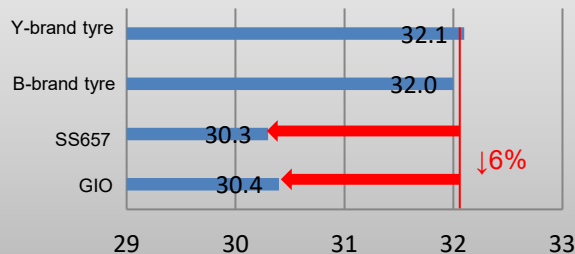


## Blade-shaped Design

Blade-shaped design enhance water dispersion and efficiency of braking in the wet.



### Wet braking(M)

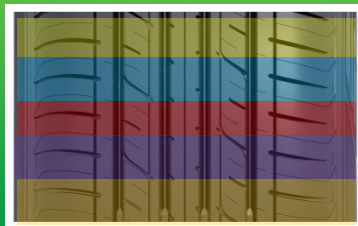


- ◆ Test organization: ARTC
- ◆ Test size: 195/65R15 91H
- ◆ Test car: Fiesta 1.6
- ◆ Test condition: To calculate the braking distance from 80→5 km/hr on wet surface
- ◆ Water thickness: 1.0mm
- ◆ Test instrument: V-BOX

## Elevated Wet Grip





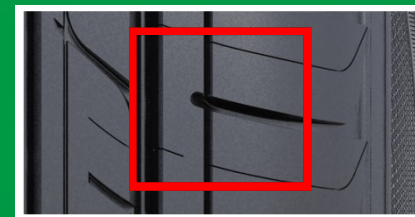


### **Multi-pitch arrangement**

Interrupting the sound frequency created when driving and lowering noise levels, increasing tranquility.

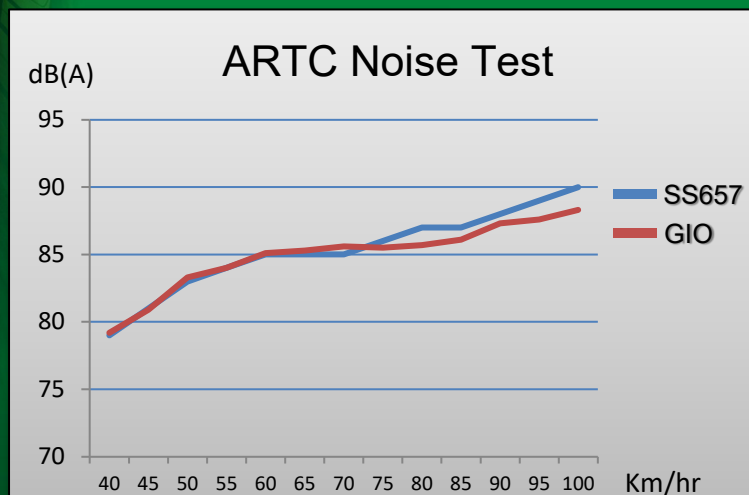
### **Closed-groove design on shoulder**

Closed-groove design on shoulder avoids noises and gives better tranquility when travelling.



### **Even grooves cut on block**

Grooves cut evenly on block to balance tyre rigidity and lower noise levels.



***GIO's noise performance is lower by 1~2 dB than SS657's at high speed***

### **Test organization**


ARTC

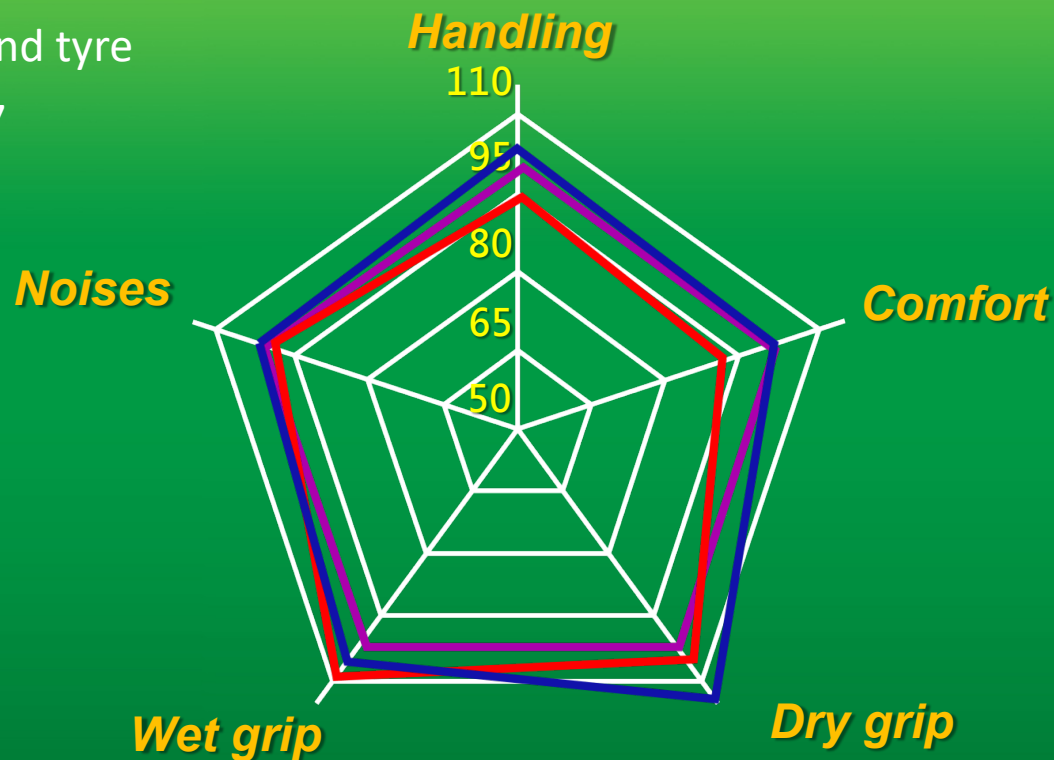
### **Test tyre size**

195/65R15 91H

**Reduced Noise Levels**



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- B-brand tyre
  - SS657
  - GIO



- ◆ Test time: 2012/10/24~25
- ◆ Tyre size: 195/65R15 91H
- ◆ Test car: Fiesta 1.6 (15X6.0J)
- ◆ Test venue: ARTC(Automotive Research & Testing Center)

**Overall, GIO shows a better performance than previous products**

**FORMOZA GIO**

**Overview of tyre test performance**







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**THANK YOU**