



FIM RACING  
HOMOLOGATED  
HELMET

# RACE-R PRO GP FIM RACING #1

RACING  
DIVISION

AVAILABLE IN APRIL 2019

THE WORLD'S 1ST HELMET TO BE AWARDED  
THE FRHPhe-01\* CERTIFICATION



RACE-R PRO GP FIM  
RACING #1  
HE8430 DKD

\*Available in all sizes from XS to XL - Photographs not contractually binding



SHARK  
HELMETS



shark-helmets.com





# RACE-R PRO GP FIM RACING #1 MODEL

Boasting nearly 70 World Champion titles in its trophy case, SHARK Helmets has embraced motorcycle racing and made it a springboard to the company's product development.

Our motto: continuously push the technical envelope and innovate in order to ensure for our racers the highest levels of performance, beyond the requirements enshrined in safety standards.

At present, SHARK Helmets is proud to lie on the cutting edge of innovation in becoming the world's first brand to be awarded the FRHPhe-01 certification, across all size categories, for its new flagship model: the **Race-R Pro GP FIM racing #1\***.

This new standard issued by the FIM (International Motorcycling Federation), which has established safety requirements never before satisfied, will be made mandatory beginning in June 2019 in both the Moto GP and Superbike disciplines before being extended to the other FIM competition categories by the start of the 2020 season\*\*.

Worn by all SHARK racers since the 2019 season got underway, this top-of-the-line model, which has been designed with an entirely new state-of-the-art racing structure and an optimal level of protection, is now available in a carbon skin version presented in a deluxe premium package.



**FIM RACING  
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**Race R Pro GP FIM Racing #1  
XS-S-M-L-XL  
FRHPhe-01 - 2018**



## FIM'S NEW «FRHPhe-01» STANDARD



### THE «FIM RACING CERTIFICATION PROGRAM FOR HELMETS (FRHPhe-01)»:

For many years, SHARK Helmets has been working in close collaboration with the «FIM Racing Certification Program for Helmets (FRHPhe-01)». This program dedicated to racing helmets is intended to establish a new certification standard with a set of highly demanding criteria for the purpose of continuing to further raise the level of protection for helmets worn by racers.

### IMPLEMENTATION OF THE NEW FRHPhe-01 STANDARD:

Beginning in June 2019, the FIM will rule the official «FRHPhe-01» certification (under the heading «FIM Racing Certification Program for Helmets») mandatory for all racing helmets\*, in place of the international standards currently being enforced (UNECE 22.05, Snell and JIS).

### TESTS CONDUCTED TO OBTAIN THE FRHPhe-01 CERTIFICATION:

Beyond the 6 main impact points necessary for receipt of the ECE 22.05 certification, which are used to assess both the strength and shock absorption capacity of a helmet, the «FRHPhe-01» standard requires 16 more, thus rendering this certification standard currently the most stringent.

*The Race-R Pro GP FIM Racing #1 has successfully met this challenge in all size categories (from XS to XL) \*\*\* all «FRHPhe-01» tests, namely:*

- high (8.2 m/s) and low (5.0 m/s) speed linear impact tests on all the ECE 22.05 points;
- high-speed impact tests on three additional points chosen at random;
- oblique impact tests according to five different directions;
- penetration tests at two points chosen randomly.

It should be noted that this certification is only valid when conducted with all accessories made available (chin guard; front, upper and back ventilation; side deflector) and the rear spoiler.

### \*\*Championship categories targeted by the new «FRHPhe-01» Standard:

#### Beginning in June 2019:

- FIM Grand Prix World Championship
- FIM Superbike World Championship

#### As of the very first race of the 2020 season:

- FIM Supersport World Championship
- FIM Sidecar World Championship
- FIM MotoGP Rookies Cup
- FIM Supersport 300 World Championship
- FIM Land Speed World Records
- FIM Drag Bike World Cup
- FIM Endurance World Championship
- FIM Endurance World Cup
- FIM Moto 3 Junior World Championship
- FIM Moto E World Cup



# RACE-R PRO GP FIM RACING#1: AN ULTRA-SAFE HELMET

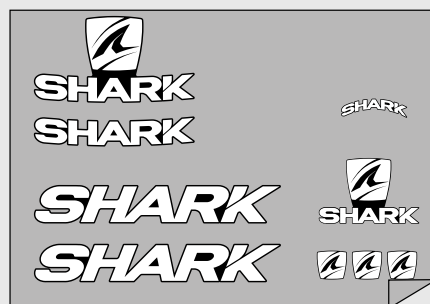
**1** Shell built using reinforced COVA RS (Carbon On View & Aramid Racing Structure) in order to fully meet all requirements of the new FIM Racing #1 standard. This new, 100% Carbon Aramid structure offers increased resistance to both abrasion and compression, as well as an enhanced anti-delamination performance. The multi-density EPS (Expanded Polystyrene) has been optimized for improved shock absorption.

**2** Chin guard fitted with a removable, variable airflow anti-pollution filter.

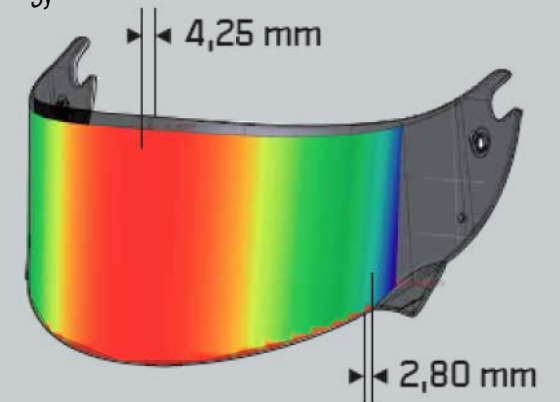
**3** Dual-density, EPU (Expanded Polyurethane) chin guard: Material designed above all to absorb shocks reverberating around the chin guard.

**4** Ergonomic visor grip  
For improved handling and easy opening.

SHARK HELMETS  
RACING STICKERS  
INCLUDED  
IN THE BOX



**5** High-strength visor comes with an Optical Class 1 rating and variable thickness (ranging from 4.2 mm to 2.8 mm) without introducing any visual distortion. Treated to prevent scratches and fogging. System installed to enable quick visor disassembly.



**6** «Quick Spoiler Safety System»:  
Allows ejecting the spoiler in the event of a fall to limit the effects of secondary shocks and thereby guarantee the rider's optimal safety.





# RACE-R PRO GP FIM RACING#1: COMFORT, STABILITY AND ERGONOMICS

**1** Two-tone, high-tech «Alveotech» lining fabric featuring the Sanitized® label. This Sanitized® treatment ensures antimicrobial efficiency to prevent the propagation of bacteria when perspiring. It guarantees a cool contact over long periods for extra comfort during a strenuous ride.



**2** Wrap-around and breathable neck protection. Specially designed for optimal acoustic insulation.

**3** «Dual use», anti-fog breath guard with added functionalities: a fixed piece + a snap-on removable piece.  
**Objectives:**

- Adapt to all types of weather conditions (cold, wind, etc.)
- Block out background noise
- Minimize turbulence.



**4** New holographic certification label with an embedded QR Code: Helmet traceability with official identification by the Race Marshal before entering the track.

**5** New technology used to cut out «3D morpho» cheek contours. Providing maximum comfort and support.

**6** Shape memory ear pads that serve to muffle noise due to acoustic vibrations.







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# RACE-R PRO GP FIM RACING #1 : FINISH ULTRA PREMIUM



Visor mechanics and hardware with a top-quality coated finish and «SHARK Racing Division» laser engraving



Double-D buckle made of anodized titanium. Snap-on chin strap to ensure a perfect fit



Custom-designed neck protection featuring a laser marking

## COMPREHENSIVE PACKAGING

- An exclusively designed «Racing Division» helmet box and casing
- The Race-R Pro GP FIM Racing #1 model
- The official «SHARK Racing Division» bag used by our MotoGP racers
- A «dark smoke» tinted, anti-scratch / anti-fog visor (VZ1002PFU)
- SHARK Helmets racing stickers



## SPECIFICATIONS :



Slot reserved for SHARKTOOTH® PRIME



Manufactured using carbon fiber-aramid



Carbon On View & Aramid Racing Structure



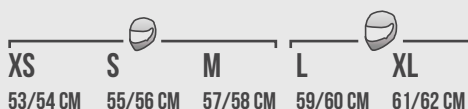
Visor with anti-scratch treatment on the outside and anti-fog on the inside



Anti-scratch visor



Double-D ring strap



2 shell sizes: Optimal morphological adjustment



Enhanced comfort for riders wearing glasses



Quick visor disassembly system



Washed on a delicate or cold cycle in its protective net



«3D morpho» cheeks