



## DATA SHEET

# NZ-RACE

**NZ-RACE**, the KYT full-face helmet in tricomposite material derived from KYT's experience in the Racing world. The shapes have been deeply studied, through fluid dynamic software and through repeated sessions in the wind tunnel, as well as on the track with the KYT riders, to achieve the best performance in terms of aerodynamics, ventilation and comfort, while at the same time enhancing the stylistic aspect characterized, as tradition, by dynamic streamlined shapes. In particular, the spoiler has been carefully designed to achieve outstanding performance in terms of both aerodynamics and comfort.

The ventilation has also been meticulously optimized to ensure an efficient diffusion of fresh air inside the helmet and to offer, in symbiosis with the fine interior, the outflow of moisture inside the helmet.

The visor is in optical class 1 and guarantees a wide peripheral and vertical field of vision, 210° and 90° respectively; anti-scratch treatment, Pinlock® Max Vision 70 anti-fog lens and reference lightness complete top-level equipment suitable for both professional use on the track and for pure fun on the road.

### SHELL

The shell is made in two sizes (M and L) and it is made of Tri-Fiber composite, a mix of kevlar, carbon and fiber glass, to ensure a better impact resistance and lighter weight.

### PROTECTIVE POLYSTYRENE

The internal polystyrene is made of 3 different sizes to obtain the best ergonomics with different thickness. This characteristic allows a gradual and progressive absorption of the impact force generated by an impact. Although most of the energy due to an impact is absorbed by the outer protective shell due to its deformation, the role of polystyrene is decisive for the absorption of residual energy.

### VISOR

The visor is made of polycarbonate with different thickness in optical class 1 and antiscratch treatment. The visor is easily removable, thanks to a practical mechanism that doesn't require any tool.

### PINLOCK®

NZ-RACE is equipped with Antifog Pinlock® Max Vision 70

### VENTILATION

The internal polystyrene is studied to work in symbiosis with 3 front air intakes on the shell. Special channels on the EPS allow a non-stop air flow, ensuring a perfect ventilation inside the helmet and a rapid exhaust of the hot air through the extractors on the back, under the aerodynamic spoiler.

### INNERS

Inners are removable and washable, in fine and soft fabrics made of fiber that, together with particular sponges, eases the air flow, maintaining dry and fresh the part in contact with the face. Cheek pads are ready for Bluetooth headphone, have an emergency system to quickly remove them in case of needs and they have "glasses wearable" predisposition.

### RETENTION SYSTEM

The retention system used is the "Double D-RING" in light alloy.

Distributor for Europe  
**Suomy Motosport Srl**  
Via Sant'Andrea 20/A  
22040 Lurago d'Erba (CO) Italy

info@suomy.com  
www.suomy.com



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### TECHNICAL FEATURES

|                    |  |
|--------------------|--|
| Commercial name    | KYT NZ-RACE  |
| Description        | FULL FACE PROTECTIVE HELMET  |
| Material           | Shell: TRI-FIBER COMPOSITE IN 2 SIZE (M and L)<br>EPS: INTERNAL POLYSTYRENE IN 3 DIFFERENT SIZE (S, M and L)<br>Visor: ANTI SCRATCH PROTECTIVE VISOR |
| Retention System   | Double D-RING, NYLON CHINSTRAP   |
| Spare Parts        | NOSE GUARD, AIR CHIN CURTAIN   |
| Weight (approx.)   | gr 1350 ± 50 (gr 1300 ± 50 Carbon sight version) – Shell M   |
| Nr. of shells      | 2  |
| Nr. of POLYSTIRENE | 3  |

### SIZE CHART

| SHELL SIZE           | M     |       |       |       | L     |     |
|----------------------|-------|-------|-------|-------|-------|-----|
| EPS SIZE             | S     |       | M     |       | L     |     |
| END USER HELMET SIZE | XS    | S     | M     | L     | XL    | XXL |
| CIRCUMF. CM          | 53-54 | 55-56 | 57-58 | 59-60 | 61-62 | 63  |

### NOTE

- All information and features in this data sheet are valid only for the current helmet version in compliance with the mentioned homologation. These features can be changed in case of new homologation requests and/or extension of the current ones.
- All the Kyt products are constantly subject to a continual improvement process, that's why Kyt reserves the right to make changes, without prior notice, to the products object of this technical sheet.  
It is therefore not possible to exercise any rights on the basis of the information, illustrations and descriptions contained in this technical sheet.

SUOMY Motosport Srl  
Technical Dept.

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# VISOR

### TECHNICAL FEATURES

|                  |  |
|------------------|--|
| MATERIAL         | PC- POLYCARBONATE                            |
| GEOMETRY         | Flat – perfect for Pinlock® Max Vision       |
| OPTICAL          | Optic class 1 – optical distortion reduction |
| FIELD OF VISION  | Peripheral view 210° - Vertical view 90°     |
| THICKNESS        | Variable thickness (from 2 mm to 3.5 mm)     |
| TREATMENT        | Anti scratch                                 |
| ANTIFOG          | Pinlock® Max Vision 70                       |
| LOCK VISOR       | Side Lock System                             |
| AVAILABLE COLORS | Clear  |
|                  | Light Smoke                                  |
|                  | Dark Smoke                                   |
|                  | Iridium                                      |
|                  | Iridium Blue                                 |
|                  | Iridium Gold                                 |
|                  | Iridium Mirror Chromed                       |

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