



## DATA SHEET

# TRACK-1

**TRACK-1** is the New Generation full face helmet by Suomy, made in TRICARBOCO composite (Kevlar/Carbon/Fiberglass), characterized by dynamic and performance shapes, designed and developed in wind tunnel to have the best performances and balance between street and track use.

Inners are produced by the best technologies to guarantee reliability and comfort to all bikers, while typical riders needs join touring-racing ones to create a combination of technical solutions, suitable to all routes and tracks.

### SHELL

The shell is made of TRICARBOCO fiber, a new composite that allows to obtain a lighter shell but at the same time harder and more protective.

The new composite is a mixture of carbon with different weight/breaking loads linked up with aramid resins and fiberglass that ensure a light shell but much more resistant to impacts

To satisfy even the most exigent customers, TRACK-1 is produced in two different shells: M and L

### INTERNAL PROTECTIVE POLYSTYRENE

Internal polystyrene liner is realized in three sizes [S, M and L] to obtain a better ergonomics. Studied in four variable densities allows a gradual and progressive absorption of the power produced by the impact.

Even if the bigger part of the energy created by the impact is absorbed by the external shell, thanks to its deformation, the role of polystyrene is crucial for the absorption of the residual power.

A different densities of the polystyrene allows to optimize the mechanical performance of the shell-polystyrene system, ensuring the maximum level of absorption in all areas of the helmet.

### VISOR

The visor is in PC injected, antiscratch, optic in class 1 with variable thickness between 2 and 3.5 mm.

The visor has a side lock for a better stability and easily removable without any tool thanks to a practical mechanism.

### PINLOCK®

TRACK-1 is equipped with PINLOCK® Max Vision 70 lens included.

### VENTILATION

Internal polystyrene was studied to work in symbiosis with the three air intakes on the external fiber shell. Particular channelings, obtained on polystyrene, allow an optimal ventilation of air flow intake into the helmet and a quickly exhaust of the hot air.

### INNERS

The cheek pads and the internal comfort padding can be removed, washed and replaced.

They are made in hydrocool, a precious fabric with specific fibers that offers the following features:

- Easy outflow of body moisture
- Keep the correct temperature
- Light fabric, soft and breathable
- Cheek pads are ready for Bluetooth earphone
- Cheek pads have an emergency system to quickly remove them in case of needs.

### RETENTION SYSTEM

The chin is provided with double D-ring retention system enabling an easy release of the retain system.



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### TECHNICAL FEATURES

Homologations	ECE
Commercial name	SUOMY TRACK-1
Description	FULL FACE PROTECTIVE HELMET WITH VISOR
Materials	<b>SHELL:</b> TRICARBOCO CARBON/ARAMIDIC/FIBERGLASS TWO SIZES (M,L) <b>POLYSTYRENE:</b> PROTECTIVE POLYSTYRENE IN TWO SIZES (M, L) IN FOUR DENSITIES <b>VISOR:</b> CLEAR ANTI SCRATCH VISOR, OPTIC CLASS 1 ANTIFOG PINLOCK® MAX VISION 70
Retention System	DOUBLE D-RING, POLYESTERE TAPE 24 mm
Spare parts	NOSEGUARD AND CHIN CURTAIN
Approx weight	1350 gr ± 50 in size M
Nr. Shell	2
Nr. polystyrene	3

### SIZE CHART

SHELL SIZE	M			L		
POLYSTYRENE SIZE	S	M		L		
END USER HELMET SIZE	XS	S	M	L	XL	XXL
CIRCUMFERENCE (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 SUOMY products are constantly subject to a continual improvement process, that's why SUOMY 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.

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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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