



**DATA SHEET**  
**SPEEDSTAR**

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# SPEEDSTAR

The ambitious Speedstar is the Suomy intuition that, with more than 20 years of experience in competitions, is offering a new concept of a versatile sports helmet. Frequent wind tunnel sessions, tested as a racing helmet, allowed to create dynamic shapes, a powerful aerodynamic coefficient and an enviable overall balancing. The R&D, Design and Riding Test department created a package of solutions that enhance comfort, versatility with breathable technical fabrics, Double D-Ring chin strap and balanced fitting suitable for any type of riding. The new injection visor in Optical Class 1 and variable thickness, with Pinlock Max Vision, ensures the best visibility from several driving angles; the inedited Wide-Sunvisor extends to the cheek pads borders offering a full protection from the sunlight.

## 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 that ensure a light shell but much more resistant to impacts.

To satisfy even the most exigent customers, SPEEDSTAR is produced in two different shell: M and L

## PROTECTIVE POLYSTYRENE

Internal polystyrene liner is realized in two sizes (M and L) to obtain a better ergonomics and a variable density. This characteristic 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 density of the polystyrene allows to optimize the mechanical performance of the shell-polystyrene, ensuring the maximum level of absorption in all areas of the helmet.

## VISOR

The visor is PC injected, anti scratch, optic in class 1 with variable thickness. The hooks and rotation system allows the visor removal without tools.

## PINLOCK

SPEEDSTAR is equipped with PINLOCK Max Vision 70 lens included.

## SUN VISOR

SPEEDSTAR is equipped with Sun-Visor, easy to use with left hand.

## VENTILATION

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

## INNERS

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

They are made of precious fabric with specific fibers that offers the following features:

- Sends sweat from the body
- Keeps fresh and dry
- Light fabric, soft and breathable

## RETENTION SYSTEM

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



- TRICARBOCO shell
- Protective polystyrene in 2 sizes
- The visor is PC
- Pinlock MAX VISION 70
- Internal sun visor
- OPTIMAL ventilation thanks to the internal polystyrene
- Removable interior and cheek pads
- Double D-RING retention system



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## TECHNICAL FEATURES

Certifications:	ECE - DOT - JIS - CCC - NBR - CHASS - CNS
Commercial name:	SUOMY SPEEDSTAR
Description:	FULL FACE PROTECTIVE HELMET WITH DOUBLE VISOR
Materials:	<b>Shell:</b> TRICARBOCO Kevlar/Carbon/Fiberglass <b>Polystyrene:</b> PROTECTIVE POLYSTYRENE (M AND L) <b>Visor:</b> CLEAR ANTISCRATCH VISOR, OPTIC CLASS 1, SUN VISOR ANTIFOG PINLOCK MAX VISION 70 SUNVISOR
Retention system:	DOUBLE D-RING, POLYESTERE TAPE 24 mm
Spare Parts	NOSEGUARD AND CHIN CURTAIN
Approx weight:	1400 ± 50
No. of shell:	2
No. of polystyrene:	2

## CHART FOR SIZES AND FEATURES:

SHELL SIZE	M			L		
EPS SIZE	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 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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