

WORKBOOK





Designed & Engineered
by **HJC**

HJC

hjcsports.com



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HJC

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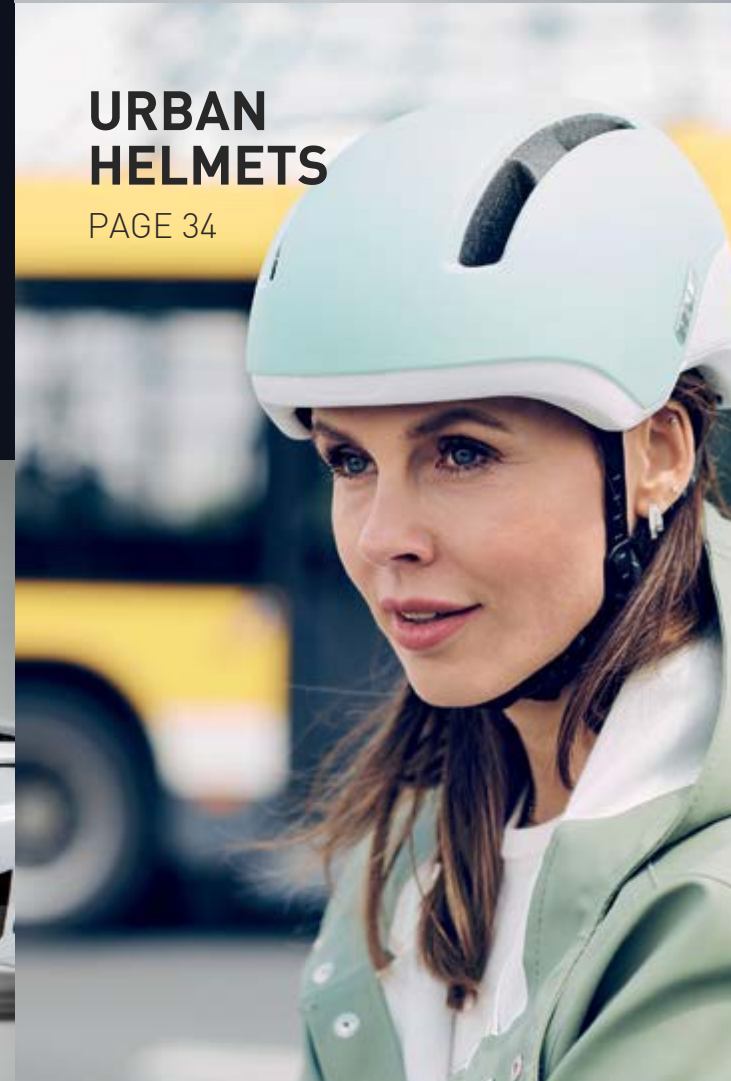
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FOR RIDERS

SINCE 1971

HJC has been developing and manufacturing helmets since 1971. Highly praised in the field of motorcycle helmets, HJC is recognized for its long history of helmet production involving advanced material construction, strength and lightweight performance.

50 YEARS OF CONTINUOUS CHALLENGES

Now, HJC is celebrating its 50th anniversary. In commitment to excellence and advancement in helmet technology, HJC has mastered the art of making helmets to premium standards. The brand has distribution in over 80 different countries worldwide with various helmet categories representing 20% of the European motorcycle helmet market.

Being the #1 helmet manufacturer in the world for over 17 years, HJC has a legacy to nurture. HJC invests heavily in design and development in a variety of categories, working hand in hand with global partners and advanced technologies.

With lessons learned from the time it took to be successful, HJC is now moving forward once again with the aim of becoming the world's firstclass helmet company by developing next level cycle and snow helmets with strategic choices made in the creation and the introduction of new construction methods.

HJC



FOR THE MOMENT

LET US RIDE

HJC SPORTS is about the moment, finding one's self again, in a leap of escape from artificial boundaries and into self-restoration, self-acceptance, balance and peace and in a flow of harmony with all that surrounds us.

For the moment, we are aware of our sense of self in the presence and in spontaneous moments. The value of life is not in the blurry, mindless, cycles of repetition; the value of life starts from awareness of the soul in the moment. When you are truly aware of your feelings in the moment, with appreciation, you are truly alive.



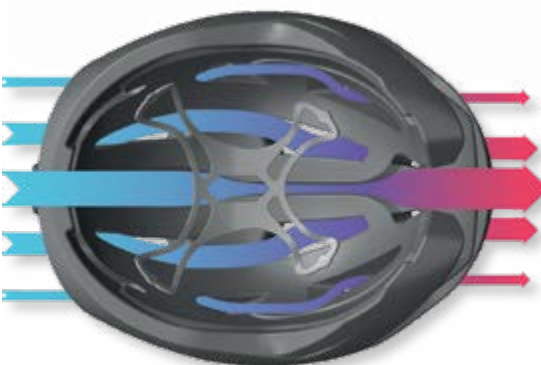
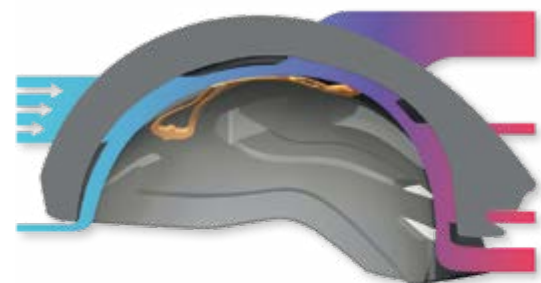
INNOVATION & TECHNOLOGY

HJC helmets are tested in laboratory as well as in “real-life” to meet the highest quality standards. HJC is one of very few helmet companies equipped with its own state of the art wind tunnel laboratory to test aerodynamics, ventilation, noise and more.

From technical development of motorcycle race technology to high-end road cycle helmets, the HJC wind tunnel test lab measures all the relevant forces in a variety of riding conditions to improve the performance of HJC helmets.

HJC





ADVANCED AIR CHANNEL SYSTEM

COOLPATH™ is a new technology patented by HJC. Replacing the inner padding it allows the cool air to flow around your head and improves your comfort during the ride. The cool air flow and the lightness of the helmet enhance the fitting and provide an excellent riding experience.

INNOVATION FOR FITTING & COMFORT

Fitting and comfort are an integral part of HJC helmets. The R&D department has developed 2 revolutionary features patented by HJC for enhanced riding comfort.

Introducing **COOLPATH™** for advanced air cooling, and **SELFIT™** for automatic fitting with self-adjustment.

APPLICABLE
MODELS

IBEX20
FURION20
BELLUS

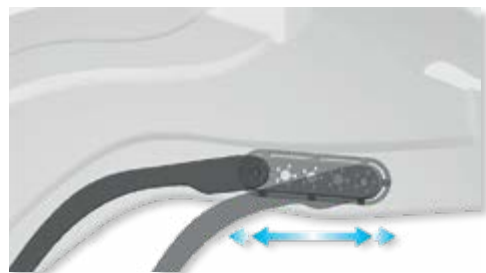
HJC



SELF-ADJUSTING SYSTEM

SELFIT™ is an automatic self-adjusting fitting system which is a revolutionary technology in bicycle helmet fitting. Once the helmet fit is set for your head it doesn't require further adjustment, even when your head is moving during the ride. The SELFIT™ system automatically adjusts the gap and provides consistent fitting and comfort for your head.

Just put it on and enjoy the ride....



JUST PUT IT ON

5 STEP SNAP FIT

5 snap fitting positions provide consistent fitting and comfort for all different types of head shapes and sizes. The rider can adjust the fitting with precision, resulting in a helmet that will ideally adjusted for a perfect ride, time after time.



APPLICABLE MODELS

IBEX20
FURION20
BELLUS
CALIDO PLUS
CALIDO
COBAN PLUS
COBAN
GLEO

HJC

OPTIMAL AERO DYNAMICS

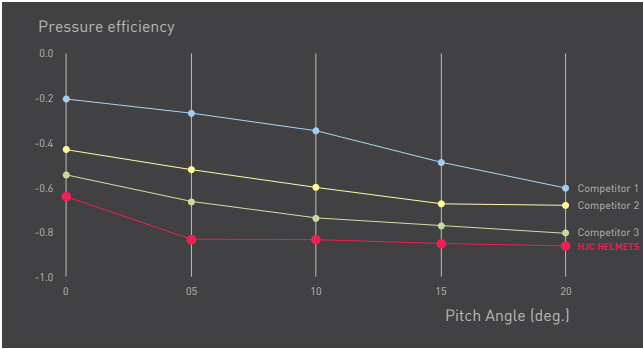
ADVANCED VENTILATION SYSTEM

In order to achieve maximum ventilation, a technical adaptation of Bernoulli's principle is applied to HJC's aerodynamically enhanced models. In motion, the rate of surface flow generally increases as it progresses towards the rear of the helmet.

Through pressure differences, cool air from the frontal intake is extracted through the rear vent for internal heat dissipation, giving the cyclist optimum ventilation while riding.

VENTILATION TEST

Pitch Motion at Yaw = 0 deg.



AERODYNAMIC DESIGN

Coming from MotoGP race-helmet design experience, HJC designers and engineers have become experts in aerodynamics and wind ventilated helmets. Aero helmets, as the word implies, are more aerodynamic than the conventional racing bike helmet, but with compromised ventilation performance.

With HJC helmets, this compromise is very much reduced. HJC probably offers the best ventilated semi-aero helmet on the market.

MAXIMUM INTAKE
MAXIMUM EXHAUST
MINIMUM DRAG FORCE

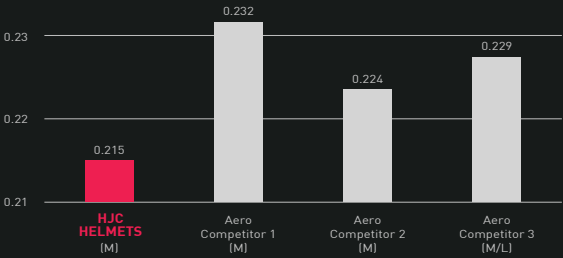
SAVE WATTS WITH HJC HELMETS

ADVANCED EXHAUST VENTILATION PERFORMANCE

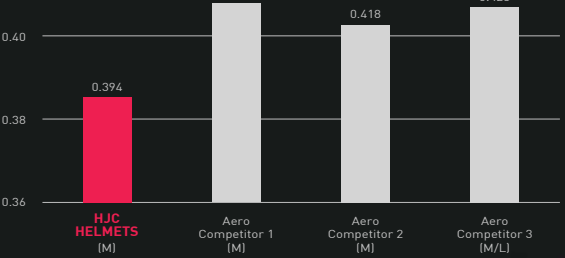
Wind tunnel test verification analysis.
From all perspectives, while riding, test results show that HJC exhaust ventilation outperforms all other competitors.

DRAG FORCE

(KG) at 45 km/h



(KG) at 60 km/h



UCI WORLD TOUR SPONSOR

HJC IS PROUD TO SUPPORT
AG2R CITROËN TEAM & ISRAEL PREMIER TECH

MAJOR TECHNICAL
PARTNER
**AG2R
CITROËN
TEAM**

ISRAEL
**PREMIER
TECH**





MAJOR TECHNICAL
PARTNER

AG2R CITROËN TEAM



For 50 years, HJC has been working closely with the world's best athletes. We are proud to equip the **AG2R CITROËN TEAM** from 2021 and to be an integral part of this ambitious project by joining a solid and historic structure, guided by values that we share and that drive us on a daily basis.



HJC



ISRAEL 
P **PREMIER
TECH**



HJC draws its strength from competition and working closely with the world's best athletes to push the boundaries of technology.

It is in this spirit of ongoing improvement that HJC is working alongside Team **ISRAEL PREMIER TECH** to help ensure the safety of riders by providing innovative and safe helmets, while continuing its research with valuable feedback from these riders.



HJC

ROAD HELMETS

HJC



IBEX 2.0

Road helmet



- FEATHER LIGHT 200g (±10)
- SELFIT™ ADJUSTMENT SYSTEM
- 5 STEP SNAP FIT
- COOLPATH™ INTERIOR
- ADVANCED AIR CHANNEL 2.0
- WIND TUNNEL TESTED
- AERODYNAMIC DESIGN
- VENTURY DYNAMICS
- IN-MOLD CONSTRUCTION
- INTERNAL REINFORCEMENT
- ADJUSTABLE WIDE DIVIDER
- REFLECTIVE STICKER

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-61 cm	22.8-24"



IBEX 2.0



The **IBEX 2.0** is an ultra-lightweight and comfortable helmet designed to provide optimal ventilation. Its particular shape improves aerodynamics and allows it to evacuate heat more quickly. Developed in HJC’s own wind tunnel laboratory and in collaboration with world class riders, the **IBEX 2.0** integrates Venturi Dynamics to balance the air resistance force. Thanks to its impressive and well balanced design, the helmet is perfectly suited for intense effort and hot weather conditions.



FURION 2.0

Semi-aero helmet



- FEATHER LIGHT 190g (±10)
- SELFIT™ ADJUSTMENT SYSTEM
- 5 STEP SNAP FIT
- COOLPATH™ INTERIOR
- ADVANCED AIR CHANNEL 2.0
- WIND TUNNEL TESTED
- AERODYNAMIC DESIGN
- VENTURY DYNAMICS
- IN-MOLD CONSTRUCTION
- INTERNAL REINFORCEMENT
- ADJUSTABLE WIDE DIVIDER

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-61 cm	22.8-24"



FURION 2.0



MT GL BLACK



MT GL WHITE



MT GL PINK



MT GL NAVY



MT BLACK CHAMELEON



MT OFF WHITE GOLD



MT FADE OLIVE



FADE GREY



FADE RED



MT DARK GREY



MT CONTOUR GREEN



CHAMELEON



AG2R CITROËN



ISRAEL PREMIER TECH



MT GL WHITE SILVER

Developed in collaboration with world class riders, the **FURION 2.0** is considered an uncompromising design masterpiece as it combines remarkable aerodynamics and efficient ventilation. Thanks to HJC's experience in MotoGP racing helmet conception, the **FURION 2.0** 's aerodynamic, innovative and simple design increases its performance and airflow for optimal air penetration and improved air cooling capabilities.



BELLUS

Road helmet



- FEATHER LIGHT 225g (±10)
- SELFIT™ ADJUSTMENT SYSTEM
- 5 STEP SNAP FIT
- COOLPATH™ INTERIOR
- ADVANCED AIR CHANNEL 2.0
- WIND TUNNEL TESTED
- AERODYNAMIC DESIGN
- IN-MOLD CONSTRUCTION
- ADJUSTABLE WIDE DIVIDER
- REFLECTIVE STICKER



Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-61 cm	22.8-24"



HJC developed a safety component by adding a special GEL material. **SLID** is located in the helmet interior to reduce the amount of energy delivered to the brain by providing rotating function. The advanced GEL material inside the **SLID** liner has flowable properties. This allows minimal impact forces and energy to the brain by dispersing impact.



BELLUS



The **BELLUS** is our latest road helmet combining HJC's latest technology and a trendy design. It provides maximum performance in every environment with efficient airflow and aerodynamics. The **BELLUS** is the first model to adapt HJC's SLID technology (Sliding Layer Impact Distribution) to minimise rotational impact to the brain in the event of a shock. With Integration between latest design and technology, the **BELLUS** will appeal to broader customers with satisfaction.



ATARA

Road Helmet



-  FEATHER LIGHT 210g (±10)
-  WIND TUNNEL TESTED
-  AERODYNAMIC DESIGN
-  VENTURY DYNAMICS
-  IN-MOLD CONSTRUCTION
-  ADVANCED AIR CHANNEL
-  2 STEP SNAP FIT
-  ADJUSTABLE WIDE DIVIDER

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-61 cm	22.8-24"



NEW



The **ATARA** benefits from all of the technical development of HJC's high-end models such as the IBEX 2.0 and Furion 2.0. Aerodynamic and comfortable, the **ATARA** is your perfect entry into the world of HJC, an everyday helmet with a perfect fit. It is light in weight, easy to adjust to your head size and makes no compromise on security.

TT & TRIATHLON HELMETS

ADWATT

Aero Helmet



MT BLACK



WHITE

- WIND TUNNEL TESTED
- AERODYNAMIC DESIGN
- VENTURY DYNAMICS
- IN-MOLD CONSTRUCTION
- ADVANCED AIR CHANNEL
- MIRROR SHIELD
- X-STATIC FABRIC
- ADJUSTABLE WIDE DIVIDER
- FEATHER LIGHT
260g (±10) – helmet only
320g (±10) – incl. Shield

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-63 cm	22.8-24.8"

ADWATT 1.5

Triathlon Helmet



WHITE



MT BLACK

- WIND TUNNEL TESTED
- AERODYNAMIC DESIGN
- VENTURY DYNAMICS
- IN-MOLD CONSTRUCTION
- ADVANCED AIR CHANNEL
- MIRROR SHIELD
- X-STATIC FABRIC
- ADJUSTABLE WIDE DIVIDER
- FEATHER LIGHT
260g (±10) – helmet only
320g (±10) – incl. Shield

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-63 cm	22.8-24.8"

URBAN HELMETS



CALIDO PLUS



Anti-Scratch
Magnetic Visor
Clear / Light Grey



REMOVABLE MAGNETIC VISOR

The CALIDO PLUS is equipped with a very convenient removable magnetic visor. Easily removed and placed on top of the helmet, the visor is strongly secured by a magnetic system making it safe and easy to handle for every kind of ride.



URBAN STYLISH & TRENDY

With a modern and urban design, a leather chinstrap and some pretty and cosy washable paddings, the CALIDO PLUS is your perfect stylish, compact and comfortable helmet to hit the streets of every city. The trendy and unique color range makes the CALIDO PLUS the perfect match to your style.



 **Winter Kit**



FIDLOCK
Magnetic
buckle

**Removable
and washable padding**
7 mm / 3 mm



Automatic adjustment system
with 5 step SnapFit



CALIDO PLUS

Urban Helmet



- FEATHER LIGHT 290g (±10)
- SELFIT™ ADJUSTMENT SYSTEM
- REMOVABLE SHIELD
- MAGNETIC BUCKLE
- 5 STEP SNAP FIT
- WIND TUNNEL TESTED
- IN-MOLD CONSTRUCTION
- ADVANCED AIR CHANNEL
- WINTER KIT
- REFLECTIVE STICKER
- ECO PACKAGING

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-63 cm	22.8-24.8"



CALIDO PLUS

The **CALIDO PLUS** is the ultimate urban helmet to suit any environment. The shell's minimal weight and multiple helmet features provide safety and comfort for every cyclist. An interplay of materials with a modern colour palette, high-end chin strap, and easy-to-use magnetic buckle enhance the fashion-forward design to satisfy not only those looking for a classic style but also the latest fashion trends.



CALIDO

Urban Helmet



- FEATHER LIGHT 230g (±10)
- SELFIT™ ADJUSTMENT SYSTEM
- 5 STEP SNAP FIT
- ADJUSTABLE WIDE DIVIDER
- ADVANCED AIR CHANNEL
- IN-MOLD CONSTRUCTION
- WIND TUNNEL TESTED
- REFLECTIVE STICKER
- ECO PACKAGING

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-63 cm	22.8-24.8"



MT WHITE SILVER



MT GL CHARCOAL



MT LIGHT GREY



MT GL BLACK



MT MINT

NEW



PURPLE VIOLET

NEW



MT GL DARK BLUE



MT GL OLIVE

The **CALIDO** is the ideal urban helmet with a classic design and various color options. Based on an ultra-light weight shell and a comfortable fit, it provides comfort and freshness that has never been experienced before. The Helmet was made with HJC's unique technology and designed to match various urban lifestyles.



COBAN PLUS

Urban Helmet



- FEATHER LIGHT 380g (±10)
- SELFIT™ ADJUSTMENT SYSTEM
- 5 STEP SNAP FIT
- ADJUSTABLE WIDE DIVIDER
- ADVANCED AIR CHANNEL
- IN-MOLD CONSTRUCTION
- WIND TUNNEL TESTED
- HYBRID SHELL CONSTRUCTION
- REFLECTIVE STICKER
- ECO PACKAGING
- REMOVABLE & ADJUSTABLE VISOR
- MAGNETIC BUCKLE

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-63 cm	22.8-24.8"



COBAN PLUS

NEW



MT GL WHITE GREY

NEW



MT GL CHARCOAL

NEW



MT PALE JADE

NEW



MT PINK WHITE

The **COBAN PLUS** is a high-end urban helmet with luxurious finish developed with urban riders in mind. For rider's safety the outer shell is composed of reinforced hybrid material. Removable and adjustable visor is easy to use for riders with glasses which is the result of our innovative thinking process. Magnetic buckle on the chin strap provides convenience for riders. The **COBAN PLUS** is the perfect helmet for everyday urban or leisure riding.



COBAN

Urban Helmet



- FEATHER LIGHT 375g (±10)
- SELFIT™ ADJUSTMENT SYSTEM
- 5 STEP SNAP FIT
- ADJUSTABLE WIDE DIVIDER
- ADVANCED AIR CHANNEL
- IN-MOLD CONSTRUCTION
- WIND TUNNEL TESTED
- HYBRID SHELL CONSTRUCTION
- REFLECTIVE STICKER
- ECO PACKAGING

Sizing Guide

S	51-56 cm	20-22"
M	55-59 cm	21.6-23.2"
L	58-63 cm	22.8-24.8"



COBAN



MT OFF WHITE



MT GL BLACK



MT GL GREY



MT GL IVORY CREAM



DARK BLUE



MT MOSS GREEN

The **COBAN** is a versatile urban helmet ready for various environments. The outer shell is composed of reinforced hybrid material which allows not only rider's safety but also stylish graphics through various color combinations. The optimal air channel allows maximum air flow in various environments.



GLEO

Kids Helmet



- FEATHER LIGHT 230g (±10)
- ↔ SELFIT™ ADJUSTMENT SYSTEM
- Ⓜ MAGNETIC BUCKLE
- 5 5 STEP SNAP FIT
- 🛡 IN-MOLD CONSTRUCTION
- 🌀 ADVANCED AIR CHANNEL
- 📏 ADJUSTABLE WIDE DIVIDER

Sizing Guide

S	49-55 cm	19.3-21.7"
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MT GREY PINK



MT BLUE WHITE



MT NAVY BLUE



MT PINK MINT



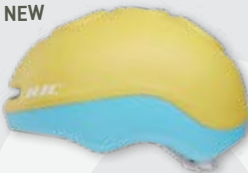
LEAF - ACCESSORY
(INCLUDED)



HORN - ACCESSORY
(SOLD SEPARATELY)



MT WHITE GREY



MT YELLOW BLUE

The **GLEO** is a helmet for children that focuses on safety and convenience based on the vast database accumulated from the development of our road and urban bicycle helmets. The customizable hole at the top of the helmet allows users to attach various accessories which children like. The cushioned inner padding provides a comfortable fit and the magnetic buckle enables the user to take the helmet on and off very quickly and easily.



HELMETS SIZING GUIDE & REFERENCES

URBAN

CALIDO PLUS		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-63 cm 22.8-24.8"
METAL NAVY BROWN	814233-	01	02	03
PEARL GREYISH SILVER	814224-	01	02	03
PEARL WHITE GREY	814223-	01	02	03
METAL BLACK	814227-	01	02	03
BRONZE	814182-	01	02	03
CHAMELEON	814142-	01	02	03

COBAN PLUS		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-63 cm 22.8-24.8"
MT GL PALE JADE	818745-	01	02	03
MT PINK WHITE	818708-	01	02	03
MT GL WHITE GREY	818723-	01	02	03
MT GL CHARCOAL	818728-	01	02	03

KIDS

GLEO	S 49-55 cm / 19.3-21.7"	MT GREY PINK	81602301
		MT BLUE WHITE	81608301

CALIDO		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-63 cm 22.8-24.8"
MT GL CHARCOAL	814128-	01	02	03
MT LIGHT GREY	814124-	01	02	03
MT MINT	814132-	01	02	03
MT WHITE SILVER	814123-	01	02	03
MT GL BLACK	814131-	01	02	03
MT GL OLIVE	814135-	01	02	03
PURPLE VIOLET	814144-	01	02	03
MT GL DARK BLUE	814130-	01	02	03

COBAN		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-63 cm 22.8-24.8"
MT OFF WHITE	818590-	01	02	03
MT BLACK	818531-	01	02	03
MT GL GREY	818523-	01	02	03
MT GL IVORY CREAM	818546-	01	02	03
DARK BLUE	818583-	01	02	03
MT MOSS GREEN	818534-	01	02	03

MT NAVY BLUE	81600201	MT YELLOW BLUE	81600601
MT PINK MINT	81600801	MT WHITE GREY	81609001

ROAD

IBEX2.0		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-61 cm 22.8-24.0"
MT GL BLACK	812431-	01	02	03
MT GL WHITE	812490-	01	02	03
WHITE LINE GREY	812423-	01	02	03
NAVY WHITE	812402-	01	02	03
MT GREY SILVER LINE	812424-	01	02	03
MT GL GREY MINT	812429-	01	02	03
MT GL OFF WHITE PINK	812437-	01	02	03
RED BLACK	812401-	01	02	03
MT GL ARMY GREEN	812434-	01	02	03
MT BLACK CHAMELEON	812430-	01	02	03
AG2R CITROEN	812425-	01	02	03
ISRAEL PREMIERTECH	812435-	01	02	03
CHAMELEON	812442-	01	02	03
MT BLACK WHITE	812426-	01	02	03

BELLUS

		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-61 cm 22.8-24.0"
MT GL BLACK	818031-	01	02	03
MT GL WHITE	818090-	01	02	03
RED BLACK	818001-	01	02	03
MT BROWN NAVY	818033-	01	02	03
MT OLIVE NAVY	818035-	01	02	03
MT GL PINK	818008-	01	02	03

TT & TRIATHLON

ADWATT		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-63 cm 22.8-24.8"
WHITE	813029-	01	02	03
MT BLACK	813027-	01	02	03

FURION2.0

		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-61 cm 22.8-24.0"
MT GL BLACK	812131-	01	02	03
MT GL WHITE	812190-	01	02	03
MT GL PINK	812108-	01	02	03
MT GL NAVY	812102-	01	02	03
MT OFF WHITE GOLD	812129-	01	02	03
MT FADE OLIVE	812137-	01	02	03
FADE GREY	812123-	01	02	03
FADE RED	812101-	01	02	03
MT GL WHITE SILVER	812122-	01	02	03
MT DARK GREY	812143-	01	02	03
MT BLACK CHAMELEON	812130-	01	02	03
AG2R CITROEN	812125-	01	02	03
ISRAEL PREMIERTECH	812135-	01	02	03
CHAMELEON	812142-	01	02	03
MT CONTOUR GREEN	812134-	01	02	03

ATARA

		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-61 cm 22.8-24.0"
MT GL BLACK	811831-	01	02	03
MT GL RED	811801-	01	02	03
MT GL WHITE	811890-	01	02	03
MT GL NAVY	811802-	01	02	03
MT GL GREY	811823-	01	02	03
MT GL OLIVE	811835-	01	02	03
MT GL NEON GREEN	811837-	01	02	03
MT GL LIGHT GREY	811824-	01	02	03
MT GL LAVANDER	811856-	01	02	03
MT GL MINT	811832-	01	02	03

ADWATT 1.5		S	M	L
		51-56 cm 20-22"	55-59 cm 21.6-23.2"	58-63 cm 22.8-24.8"
WHITE	813529-	01	02	03
MT BLACK	813527-	01	02	03

HELMET ACCESSORIES



LIGHT SMOKE VISOR
COBAN PLUS
REF. 71871101



LIGHT SMOKE VISOR
CALIDO PLUS
REF. 71421001



MAGNETIC MIRROR VISOR
ADWATT / ADWATT 1.5 WHITE
REF. 71301001



MAGNETIC MIRROR VISOR
ADWATT / ADWATT 1.5 BLACK
REF. 71301002

VISORS

INNER PADDINGS

HJC



FRONT PAD FURION 2.0
STANDARD: 7MM / EXTRA: 15 MM
REF. 711001-01/02



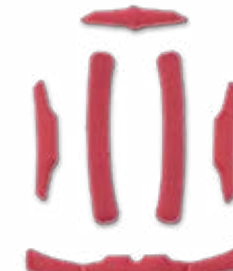
FRONT PAD IBEX 2.0
STANDARD: 7MM / EXTRA: 15 MM
REF. 712401-01/02



PADDING SET
BELLUS
REF. 71800101



PADDING SET
ATARA
REF. 71180101



PADDING SET
ADWATT / ADWATT 1.5
REF. 713001-01/02/03



PADDING SET
CALIDO
STANDARD: 7 MM
REF. 71421001



PADDING SET
CALIDO PLUS
STANDARD: 7 MM / EXTRA: 3 MM
REF. 714201-02/01



PADDING SET
COBAN
STANDARD: 7 MM
REF. 718501-01/02/03



PADDING SET
COBAN PLUS
STANDARD: 7 MM
REF. 718701-01/02/03



WINTER KIT
CALIDO PLUS
REF. 71423001



RATCHET COVER
COBAN PLUS
REF. SILVER: 71871501
BLACK: 71871502

TECHNICAL FEATURES



Feather Light

HJC bicycle helmets are designed and engineered through precise measures to have the lightest weight possible. Density, placement, shapes and materials all play a part in weight optimization.



Wind Tunnel Tested

HJC helmets are tested in the laboratory as well as in “real-life” to meet the highest quality standards. HJC is one of the very few helmet companies equipped with its own state-of-the-art wind tunnel laboratory to test aerodynamics, ventilation, noise and more. The HJC wind tunnel test lab measures the air forces in a variety of riding conditions to improve helmet performance.



Venturi Dynamics

In order to achieve maximum ventilation, a technical adaptation of Bernoulli’s principle is applied to HJC’s aerodynamically enhanced models. In motion, the rate of surface flow generally increases as it progresses towards the rear of the helmet. Through pressure differences, cool air from the frontal intake is extracted through the rear vent for internal heat dissipation, giving the cyclist optimum ventilation and perfect air flow while riding.



Aerodynamic Design

Coming from MotoGP race-helmet design experience, HJC designers and engineers have become experts in aerodynamics and wind ventilated helmets. Aero helmets, as the word implies, are more aerodynamic than the conventional racing bike helmet, but with compromised ventilation performance. With HJC Helmets, this compromise is very much reduced. HJC offers probably the best ventilated semi-aero helmet on the market.... Save Watts with HJC Helmets!



X-static

X-STATIC® is made by permanently bonding 99.9% metallic silver to the surface of a fiber. It is not a nanotechnology, or a complex chemical formula; X-Static is simply silver. The permanent performance of X-STATIC® keeps apparel smelling fresher for longer, even after multiple wear cycles between washings.



Internal Reinforcement Structure

The helmets are reinforced with an internal frame integrated into the EPS. The skeletal frame not only holds the helmet in one piece, but also makes it stronger and more resistant to protect your head in the event of a collision.



Advanced Air Channel System

A certain amount of air passes through the front air-intake port, then circulates inside the helmet and finally exits through the exhaust port. The internal airflow is then increased to cool the head and evacuate the heat.



In-Mold Construction

In-mold is a method consisting in bonding the EPS together with the outer polycarbonate shell for greater structural strength. This improves the rider’s protection by providing a compact reinforcement and gives the product a perfect finish.



Visor

Aero Time Trial and Triathlon Helmets are equipped with a mirror visor to improve the riders’ comfort and visibility, HJC’s aero helmets are engineered in order to have the same aerodynamic performances with and without a visor.



SELFIT™ is an automatic self-adjusting fitting system which is a revolutionary technology in bicycle helmet fitting. Once the helmet fit is set for your head it doesn’t require further adjustment, even when your head is moving during the ride. The SELFIT system automatically adjusts the gap and provides consistent fitting and comfort for your head.



COOLPATH™

COOLPATH™ is a new technology replacing the inner padding, allowing the cool air to flow around your head and improving your comfort during the ride. The cool air flow and the lightness of the helmet enhance the fitting and provide an excellent riding experience.



Hybrid shell construction

This technology is specially developed in double layer of shells to reinforce helmet strength andriders safety. It also allows stylish design through various color combinations.

POS MATERIAL



HELMET HANGER
REF. 99999803



WATER BOTTLES
REF. 999998-01/02



PRODUCT DISPLAY
REF. 79999902



T-SHIRT
(XS-XXL)
REF. 982801-06/07/08/09/10/11



LOGO DISPLAY
REF. 79999901

CYCLING HELMETS WORKBOOK 22/23

HJC EUROPE

1 Rue Benjamin Silliman
67116 Reichstett

FRANCE

Tel. +33 390227400 / Fax. +33 390200912
infosports@hjc-europe.com

HJC HEADQUARTER

HJC Corporation
23, Seori-ro, Idong-myeon,
Cheoin-gu, Youngin-Shi, Gyeonggi-Do, 17127

REPUBLIC OF KOREA

+82 313335451
infosports@hjc-helmet.com

hjchelmets.com

HJC

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by HJC