

EOM

EN Use and maintenance instructions pág 8

Risks against which the PPE protects:

The helmet model EOM described by this use and maintenance instructions protects:

1. Forest fire fighting services - EN 16471: 2014
2. Emergency technical assistance services - EN 16473: 2014
3. High altitude technical assistance services - EN 12492: 2012
4. River rescue services - EN 1385: 2012

6 - WARRANTY

The product is guaranteed according to the legislation in force on the date of purchase.

7 - DECLARATION OF CONFORMITY

The manufacturer:

Sicor S.p.A - Via C. Pisacane n. 23/a - 20016 PERÒ (MI)

declares that for the PPE, helmet for wildland fire fighting, technical rescue, rescue in mountains and height, for canoeing and white water sports mod. EOM described in this manual, the declaration of conformity is available at the following address:

https://www.dropbox.com/sh/rx464m5kcot0fus/AAC_4egxPzZxmBe4p1sxqX4ra?dl=0

and also using the following QR code:



5.3 - SAFETY EARMUFFS (See Figures from 48 to 52)

- To fasten the safety earmuffs, fit the fastening supports (2) on the connectors (1) provided on the external shell.
- Pull the earmuffs down over the ears to use them or push them up if you do not want to use them.
- To push the earmuffs up onto the shell, first pull them off your ears until you hear a click and then turn them upward and lock them into place by pressing on the earmuffs.
- To remove the earmuffs, press on the locking point (3) of the fastening support (2).

5.4 - MESH FACE SCREEN/TRANSPARENT FACE SCREEN (See Figures from 53 to 55)

IMPORTANT

To fit these accessories, you must have fitted the safety earmuffs or the relative supports.

The face screen is fitted on the external shell by clipping it onto the fastening clips (1) in the fastening supports (2). Once fastened, the face screen (3) can be adjusted to two positions: up (A) or down (B).

To remove the face screen, unclip it from the fastening clips (1) by pulling outwards.

IMPORTANT

This accessory is not compatible with the goggles.

5.5 - NECK PROTECTOR

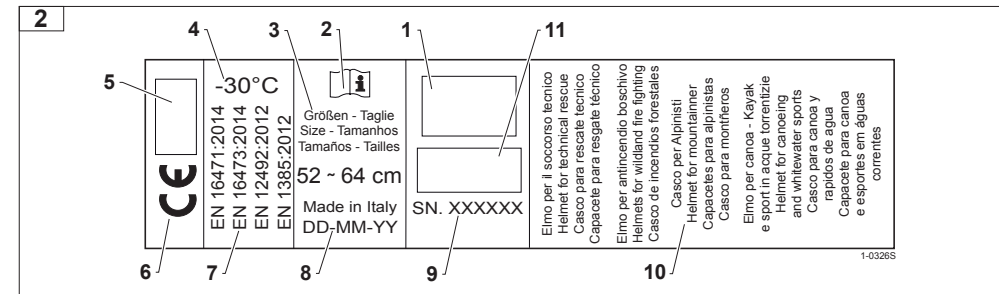
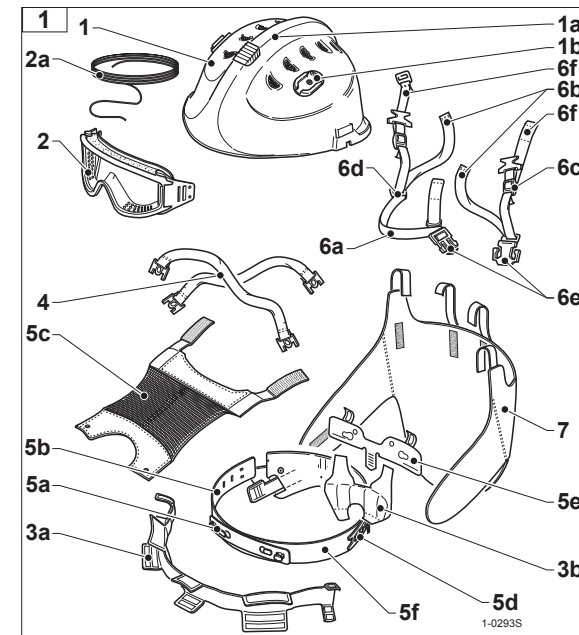
5.5.a - Fitting/removal (See Figures from 56 to 61)

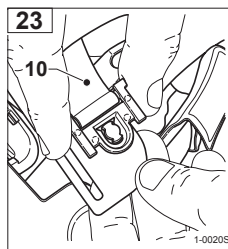
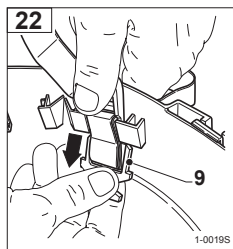
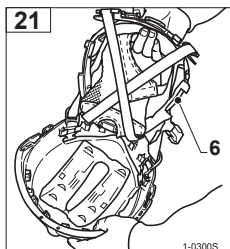
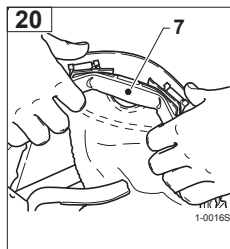
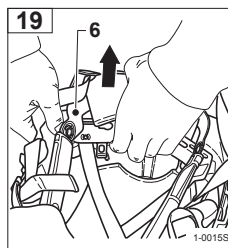
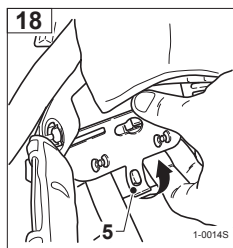
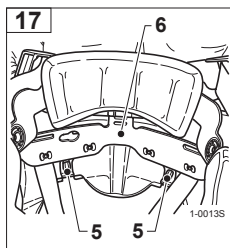
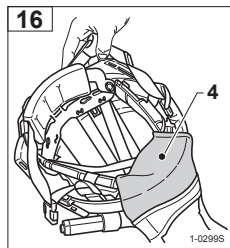
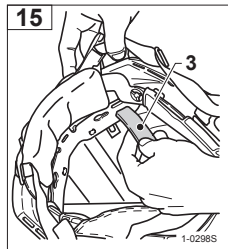
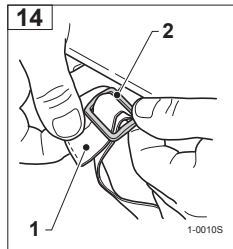
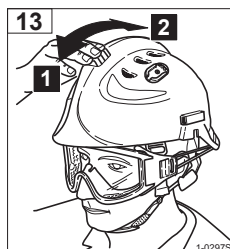
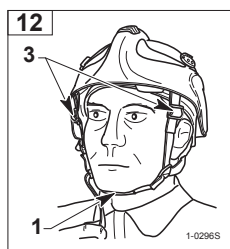
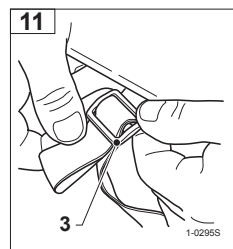
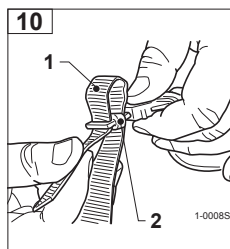
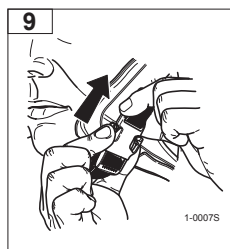
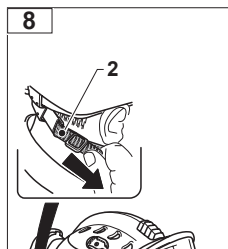
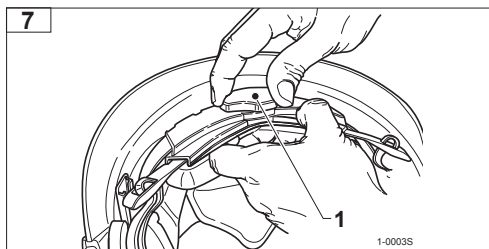
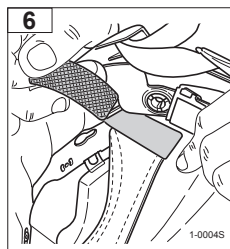
- Release the two tabs (1) of the harness (2).
- Release the rear of the harness (2) by pulling upwards so that the clips are released from the shell.
- Insert the two central straps (3) in the tabs of the two released clips (4) and refit them in their seats.
- Refit the rear harness (2)
- Fit the two side straps (5) on the harness band.
- For removal work in reverse order.

5.5.b - Use (See Figures from 62 to 63)

The neck protector can be used in two different ways:

- 1) Neck and shoulder protection
Position the neck protector (6) behind the neck and on the shoulders with the side pieces folded back.
- 2) Neck, shoulder and neck protection.
Position the neck protector (6) behind the neck and on the shoulders with the side pieces (7) tied around the neck.





4.5 - HELMET LIFE

If properly stored, the EOM helmet has a lifetime of about 8 years.

Depending on the conditions of use, the lifetime may vary considerably.

IMPORTANT

The helmet must be replaced after every significant event.

4.6 - DISPOSAL

Strictly comply with the disposal regulations in force.

5 - ACCESSORIES

WARNING

Only accessories and PPDs authorised and certified by the manufacturer must be used and fitted.

Using unauthorised accessories:

- 1 Makes the helmet not conform to the current regulations.
- 2 Leads to forfeiture of the warranty.
- 3 Makes the user responsible for any accidents.

5.1 - GOGGLES

(See Figures from 39 to 42)

A) Silicone cord

- Insert one of the ends of the silicone cord into the hole (1) and make a single knot (detail A).
- Run the cord through the cavity (2) and insert it in the holes on the goggle supports (3). Check that the goggles are correctly positioned.
- Run the cord through the cavity (2) to the outside of the shell and insert it in the cavity (4).
- Run the cord through the holes in the goggle supports (3) and then through the cavity (4).
- Finally, run the cord through the hole (5) and securely fasten it by making a single knot (detail A).
- Once secured with the cord, the goggles can be used.

B) Flame retardant elastic band

- Insert one end part of the elastic band in the oblique fitting of the outer shell (detail B)
- slide the elastic band on the rear circumference of the shell.
- Insert the other end part of the elastic band in the oblique fitting positioned on the other side of the shell.
- Insert the elastic band in the two holes of the lateral attachment of the safety goggles and fix.

If you do not want to use the goggles, push them up onto the helmet.

You can adjust the goggle pressure on the face by adjusting the cord length.

5.2 - LAMP

(See Figures from 43 to 47)

- The lamp holder is fitted on the left or right of the external shell on the dedicated adapters.
- To use the lamp, fit the holder (1) in the appropriate slide (2).
- Once fitted, slide the holder (1) along the slide to stabilise its position.
- Fit the lamp (3) in the holder (1).

The lamp can be used in four positions: facing down (A) or facing up (B).

4 - MAINTENANCE

4.1 - HELMET DISASSEMBLY (See Figures from 14 to 27)

WARNING

It is recommended to read through each single paragraph before proceeding with the disassembly operations.

To proceed with disassembly, place the helmet upside down on an uncluttered surface in order not to lose any components.

During the disassembly procedures, position all the parts removed in an orderly way.

- Pull the strap (1) out of the adjusters (2) and out of the anti-creep system.
- Release the rear part (3) of the protective mesh (4).
- Release the two tabs (5) of the harness (6).
- Release the rear of the harness (6) by pulling upwards so that the clips are released from the shell.
- Release the front part (7) of the harness (6) and pull it upwards so that the clips are released from the shell, then remove the harness (6) from the helmet.
- Release the retention system by pushing the fasteners (9) downward and remove the harness with the retention system.
- Unfasten the clips (10) from the harness (turn and remove).
- Remove the mesh (4) releasing it from the respective fastening pins.
- Release and remove the rear comfort piece (11) by unfastening the strap tabs.
- Remove the front comfort piece by unfastening the strap tabs (12).

4.2 - HELMET ASSEMBLY (See Figures from 28 to 38)

- Refit the fasteners (1) of the retention system from the bottom to the top.
 - Fit the clips (2) of the anti-shock straps (3) making sure that the strap passes between the clips and the external shell and refasten the clips (4).
 - Fit the front comfort piece (5) on the retention system.
 - Refit the mesh (6) on the harness.
 - Refit the rear comfort piece (7) using the strap tabs.
 - Refit the harness complete with mesh and comfort piece on the helmet and fasten the rear and front fasteners.
 - Fit the retention system inserting the front straps (10) in the adjusters (11) and the rear straps (12) in the anti-creep system (13).
 - Fit the anti-stretch strap (14) of the retention system using the anti-creep adjuster (15).
- The anti-stretch strap (14) stays positioned underneath the protective mesh (16).

4.3 - HELMET CLEANING AND CARE

After each use, put the helmet in its bag or in a closed place (e.g. locker) away from light and humidity.

Clean the helmet as follows:

- Never clean the helmet in the sun.
- Disassemble the helmet as described in Chapter 4.1
- Clean all the parts inside and out using only neutral soap and lukewarm water.
- Leave to dry at room temperature.
- **DO NOT USE DRYERS.**
- Before reassembling the helmet, check that all the parts are completely dry.
- Never use abrasive or strong alkaline detergents.
- When the helmet is completely dry, reassemble it as described in Chapter 4.2

IMPORTANT

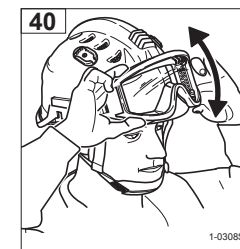
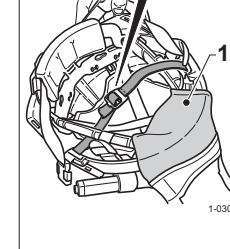
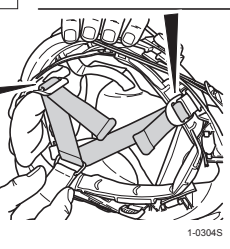
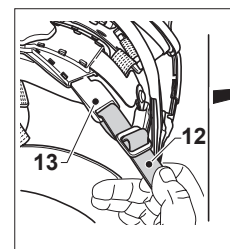
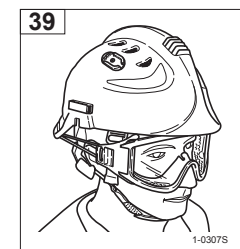
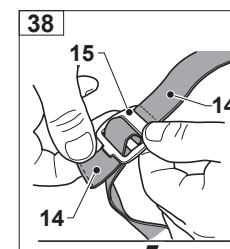
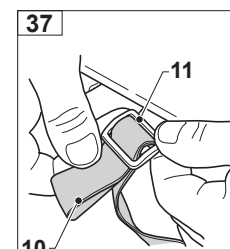
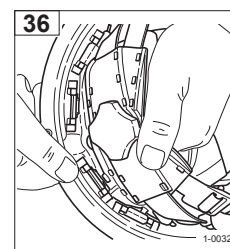
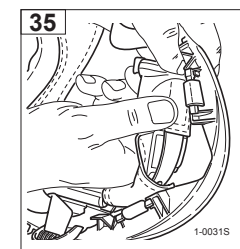
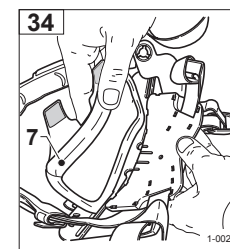
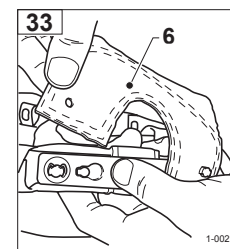
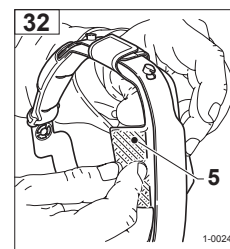
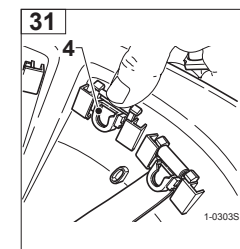
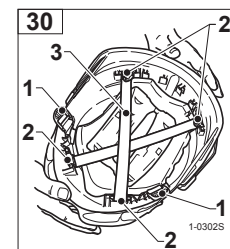
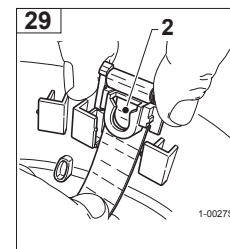
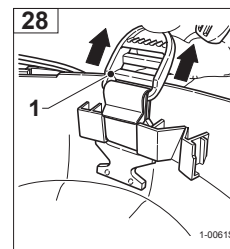
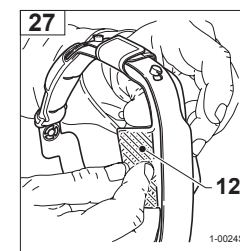
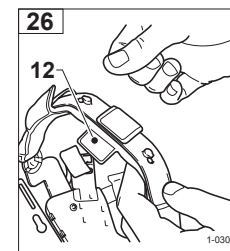
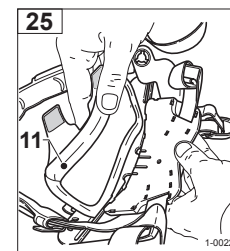
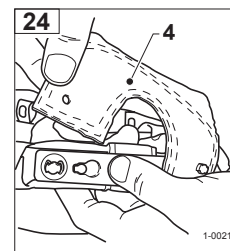
Never use solvents or organic liquids such as petrol or alcohol!

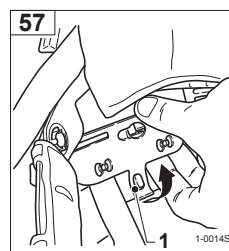
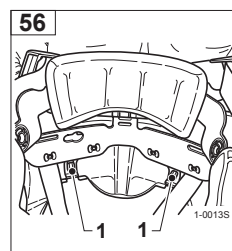
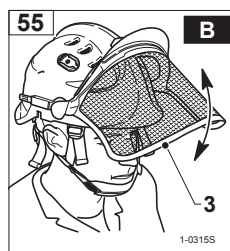
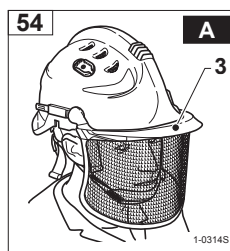
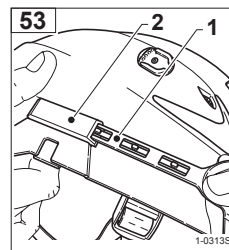
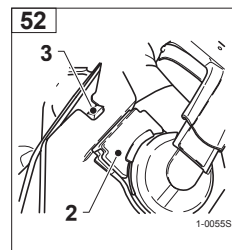
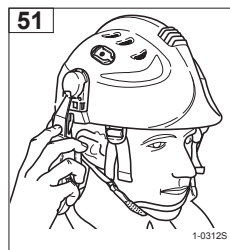
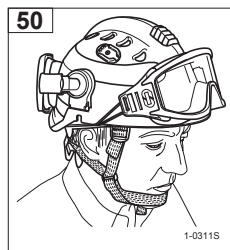
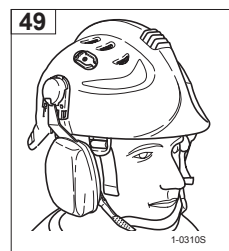
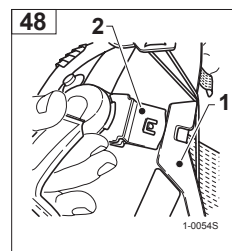
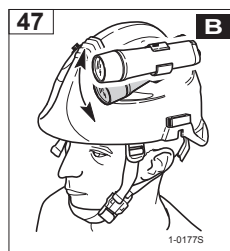
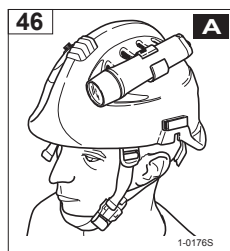
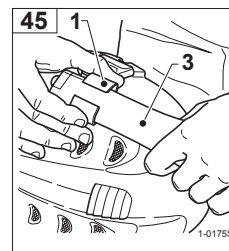
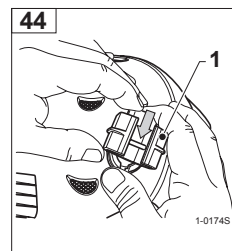
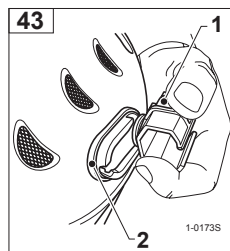
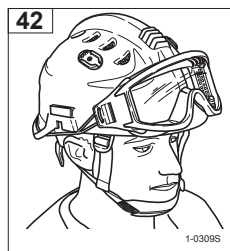
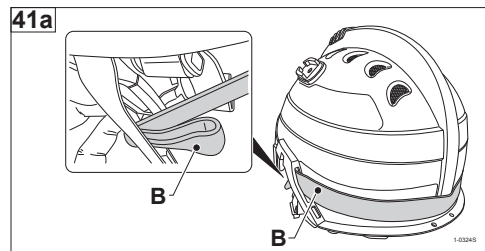
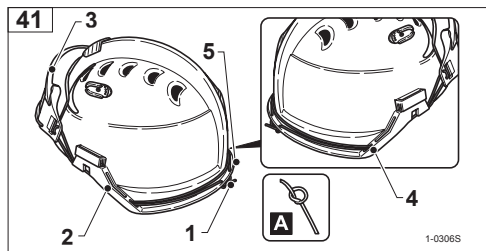
4.4 - INSPECTION PROCEDURE

Inspect the helmet before and after each use, paying particular attention to all the fastening points (harness and retention system). Immediately replace any worn and/or damaged parts, exclusively using spare parts supplied by Sicor S.p.A., since only the original spare parts are homologated and guarantee conformity of the helmet.

- Check that there are no colour changes and/or cracks on the shell and harness.
- Check that there are no cuts and/or breakage at the edges and the holes.
- Check that the suspension system is intact by checking the seams.

EOM





3 - USE AND ADJUSTMENTS

3.1 - INTRODUCTION

- Any improper use not in compliance with the reference standards shall make the user solely responsible for any personal harm and invalidate the warranty conditions.
- Warning that the protection intended to be provided by the helmet can only be ensured when it is properly assembled and correctly fitted, and that any removable part shall not be worn separately.
- In order to provide adequate protection, this helmet must be adjusted to the head size of the user.
- The helmet has been designed to absorb the energy of an impact by destroying or partially damaging the shell and the harness; even if this damage may not immediately be visible, any helmet that has been subjected to strong impact must be replaced.
- For your own safety it is advisable to familiarise yourself with the adjustment systems before using the helmet. Make several adjustments and fasten and unfasten the retention system several times so that these actions become instinctive.

3.2 - HEIGHT ADJUSTMENT (See Figure 6)

Adjust the helmet in height by changing the depth of the suspension mesh as follows:

Release the rear tabs of the mesh fastened with strap and slide them in the slots on the harness.

3.3 - CIRCUMFERENCE ADJUSTMENT (See Figures 7-8)

IMPORTANT

The helmet is supplied with the size adjustment band fully extended.

For proper adjustment follow the sequence described below.

- Put on the helmet and then adjust the size using the wheel (1).
- For optimal adjustment it is advisable to push down on the helmet with one hand and then make the adjustment with the other hand.
- The size adjustment system also acts on the anti-creep system.
- Pull the two straps (2) that join the chin-strap to the adjustment system only during the first adjustment.

3.4 - RETENTION SYSTEM ADJUSTMENT

3.4.a - First use (See Figures 9-10)

Chin-strap:

- Adjust in height as described in Chapter 3.2.
- Put on the helmet.
- Adjust the size (as described in Chapter 3.3)
- Fasten the buckle.
- Slide the adjustment strap (1) in the adjustment cross-piece of the system (2).
- Again pull the strap (1) so that the system adjusts correctly.
- Should you be unable to achieve the correct adjustment, act on the adjusters (point 3) positioned on either side of the chin-strap and lengthen or shorten the strap as shown in the image.

3.4.b - Regular use (See Figures 11-12)

Chin-strap:

- Fasten the chin-strap with the buckle.

Size and anti-creep adjustment:

- Adjust as described in Chapter 3.3.

3.5 - HELMET USE

3.5.a - Ventilation system use (See Figure 13)

The helmet ventilation system can be adjusted to prevent rainwater and fire-extinguishing water from penetrating. Operate the sliding lever on the top of the helmet with one hand.

Position 1 = Closed
Position 2 = Open

WARNING

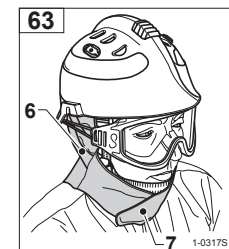
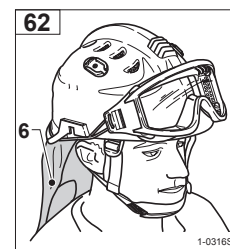
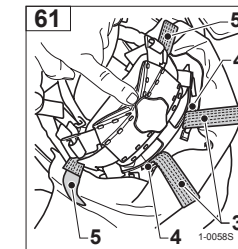
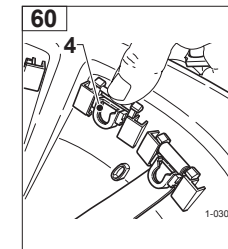
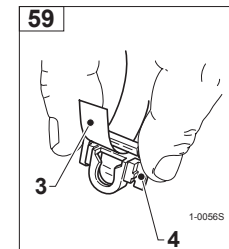
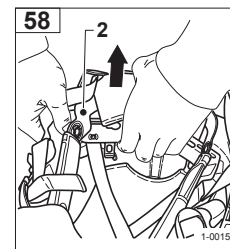
Despite the steel spark protection mesh, we advise you to completely close the ventilation system during fires, near fires or when there is a strong wind.

WARNING

For the use of the helmet in the activity of river rescue, the ventilation system must be opened.

Parts Lists	
Code	Description
5223240401	Helmet shell red colour
5223240101	Helmet shell white colour
5223240301	Helmet shell yellow colour
5223240501	Helmet shell blue colour
5223240201	Helmet shell black colour
5223240009	Helmet shell photoluminescent colour
5223240308	Helmet shell bright yellow colour
5223240808	Helmet shell bright orange colour
R58413	Ventilation system
R58565	Adapters
R62664	Suspension system
R62665	Chin strap
R58418	Suspension mesh
R62666	Size adjustment system
R62667	Rear adjuster
R58421	Front band
R58422	Front comfort piece
R58423	Rear comfort piece
R58425	Silycone cord
R58562	Elastic band - variable
R58424	Two-lens safety goggles
5223050408	Reflecting bands – red
5223050308	Reflecting bands – yellow
5223050708	Reflecting bands - grey
R58566	Lamp holder (Parat)
R62669	Lamp holder (Uk - Peli)
R58430	Earmuffs
R58431	Mesh face shield
R58432	Polycarbonate face shield
R58433	Polycarbonate face shield (resistant to electric arcs)
R58434	Neck protector fireproof textile
R58435	Carrying bag

 = The highlighted parts are optional



1 - GENERAL REGULATIONS

1.1 - INTRODUCTION

- Before using this product, carefully read these instructions for use and those of the associated products.
- Observe exactly the instructions for use indicated in this information note. The instructions must be understood and strictly observed both by the people who wear the helmet and the safety goggles, and by those responsible for maintenance. Use the product only for the purposes specified in the section "Risks against which the PPE protects" in this document.
- Do not dispose of the instructions for use. Ensure that they are retained and appropriately used by the product user.
- Comply with all local and national rules and regulations associated with this product.
- Only trained and competent personnel are permitted to inspect, repair and service the product. It is recommended to contact Sicor for all maintenance activities and that all repairs are carried out by Sicor or by qualified and authorized Sicor personnel.
- The helmet and the goggles guarantee the performance for which they were designed only if they are properly used and maintained according to the instructions in this manual. Otherwise the protective features cannot be guaranteed.
- Only authentic Sicor spare parts and accessories and/or third-party components authorized by Sicor may be used for maintenance. Otherwise, the proper functioning of the product could be affected.
- Do not use a faulty or incomplete product. Do not modify the product. The product must not be fitted with third-party components not authorized by Sicor.
- The warranties on these products shall become invalid if the warnings, precautions and instructions contained in this manual are not followed.
- Incorrect

WARNING

- Incorrect or third-party inner fittings, the drilling of new holes for accessories or other modifications to the helmet may adversely affect the protective function and invalidate the approvals. When fitted with another item of personal protective equipment or with an accessory other than supplied by the helmet manufacturer, an helmet marked as complying with this European Standard might no longer satisfy all clauses of this European Standard.
- This helmet complies with the requirements of the European Standards when the chin strap supplied by the helmet manufacturer is worn and adjusted in accordance with these instructions.
- Notify Sicor in the event of any product or component fault or failure.

- If after reading the manual there is any doubt about the conditions of use or maintenance procedures, do not hesitate to contact:

SICOR S.p.A.

Via C. Pisacane n. 23/a
20016 PERÒ (MI)
Tel. +39 02 3539041
Fax- +39 02 3539060
e-mail info@sicor-sureco.it
internet: <http://www.sicor-sureco.com>

1.1.a - How to consult the manual

- This manual is divided into chapters covering different topics.
An index is given at the beginning of each chapter for easier consultation. The chapter number is shown at the bottom left or right of each page and at the top of the page the topic dealt with in the chapter.
- The following symbols are used in this manual to point out safety messages:



RISK TO PERSONS

Partial or total inobservance of the rules pointed out with this symbol may cause serious risks to the health of the user of the helmet and the goggles.



IMPORTANT INFORMATION

This symbol indicates important communications for proper use or maintenance of the helmet and the goggles.

1.1.b - Component identification (See Figure 1)

- 1 = Helmet shell**
 - 1.a = Ventilation system
 - 1.b = Adapters
- 2 = Protective goggles (optional)**
 - 2.a = Cord
- 3 = Comfort piece**
 - 3.a = Front comfort piece
 - 3.b = Rear comfort piece
- 4 = Anti-shock straps**
- 5 = Harness:**
 - 5.a = Front fasteners
 - 5.b = Band
 - 5.c = Suspension mesh
 - 5.d = Size adjustment system
 - 5.e = Rear fastener
 - 5.f = Adjustment band
- 6 = Retention system**
 - 6.a = Chin-strap
 - 6.b = Anti-creep system
 - 6.c = Anti-creep adjuster
 - 6.d = Rectangular ring
 - 6.e = Quick-release buckle
 - 6.f = Anti-stretch strap
- 7 = Neck protector (optional)**

1.1.c - Spare parts and accessories

IMPORTANT

Only original spare parts and accessories authorised and certified by the manufacturer must be used and fitted
Using non-original spare parts and unauthorised accessories will invalidate the warranty conditions and relieve SICOR S.p.A. of all responsibility.

WARNING

- Never apply decals and/or identification labels less than 25 mm from the edges of the shell; do not use paints, petrol or solvents to clean the helmet.
Inobservance of these rules may reduce the levels of protection and/or the dielectric properties.
- Do not modify or remove any of the constituent components of the helmet.

1.1.d Storage

IMPORTANT

- The helmet must be stored in a clean, dry, dark place away from sources of heat and at a temperature between +10°C (50°F) and +40°C (104°F).
- The helmet and its accessories must be stored in the bag provided.
- Never leave the helmet in a vehicle if not in its bag to prevent needless exposure to the sun (UV rays).

2 - TECHNICAL DATA

2.1 - DIMENSIONS AND WEIGHTS

Helmet weight.....	700 g
Goggles weight.....	116 g
Width	240 mm
Height	295 mm
Length.....	193 mm
Storage temperature.....	+10 °C (50 °F) to +40 °C (104 °F)

2.2 - MARKINGS

2.2.a - Helmet (See Figure 2)

Reference standards:

EN 16471 : 2014 Firefighters helmets - Helmets for wild-land fire fighting

EN 16473 : 2014 Firefighters helmets - Helmets for technical rescue

EN 12492:2012 Helmet for mountaineers

EN 1385:2012 Helmet for river rescue

- 1) Manufacturer identification
- 2) Reference instruction manual
- 3) Sizes
- 4) Optional requirements
- 5) Notified body identification
- 6) CE mark
- 7) Reference standards
- 8) Country and date of manufacture
- 9) Serial number
- 10) Product description
- 11) Product name