

Thank you for choosing a fire service helmet from Bullard.

Protection helmets are an integral element of personal safety equipment and help prevent, or at least reduce, head injuries.

Please spare some time to read the following information so you can properly adjust your helmet. It has been written with both your safety and comfort in mind.

Head Size, size adjustment and weight

The helmet can be adjusted infinitely to any head size from 52 –64 cm.

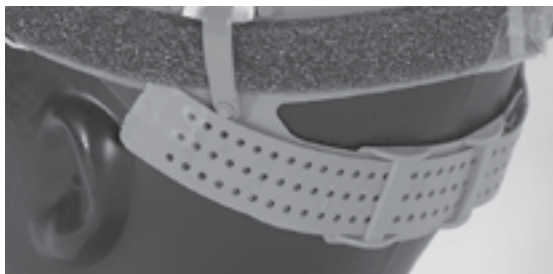
Total weight with no accessories is approx. 900g.

First adjust the size range on the headband.

H10000EM model with pin lock

Loosen both ends of the headband from one another and move them to the required size.

Then press the two end pieces firmly onto the pins again.



H2000 model with SURE LOCK® ratchet system

Open the wheel ratchet counterclockwise.

Put on your helmet and turn the wheel ratchet clockwise until it rests firmly yet comfortably on your head.



Adjusting the height

The crown straps can be adjusted lengthwise so as to adjust the height of the helmet.

Set the straps so that around 10-20mm of air remains between the skullcap and inner shell of the helmet, with the headband not touching the base of the ears.



Chin strap

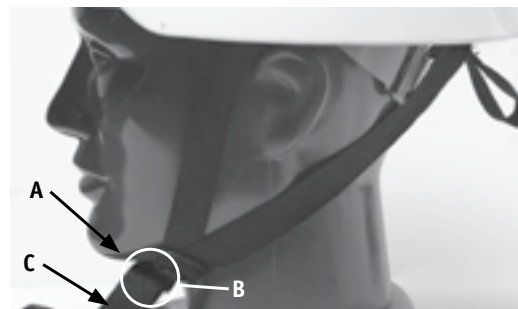
Adjust the strap so that two fingers can fit between the strap and chin.

Always fasten the loose end of the belt strap.

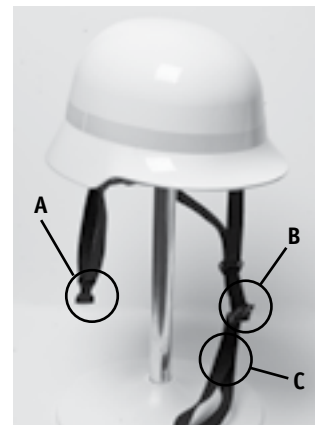
Put on your helmet and locate the female portion of the strap buckle A. Slide the strap through the loop in the back of the helmet until the buckle rests roughly 1.5 cm below your ear. Make sure that both sides of the strap leading into the buckle lay flat against one another.

Find the male portion of the buckle. It should also be placed roughly 1.5 cm below the ear, and both straps leading to this buckle should lay flat against one another.

Close the snap lock and adjust the belt length via the loose end of the looped-round belt strap C on the snap lock.



The helmet meets standard requirements on retention system effectiveness and strength as long as the chin strap is adjusted as mentioned above and 2 fingers fit in between chin strap and chin.



Visor and hearing protector H2000

Your helmet has an insert pocket on both the right and left which you can use to click in the holder for the visor and/or hearing protector A.

To remove the holder, press the projecting nose of the holder from the inside of the helmet and push this out of the insert pocket.



This is fixed to the holder if you are using a hearing protector.

To fit the visor, push its holder clip B into the snap-in fitting of the holder A until it snaps into place.

⚠ WARNING

As visors only provide limited protection against flying particles, their level of safety for the eyes is only secondary.

Always wear protective goggles when working with chain saws or devices used for cutting and prising open etc.

Visors are not suitable for use at high ambient temperatures.

The visor should be removed for structural fire fighting.

The performance of your visor has been tested under the temperature range -40°C to 120°C.

Components not being marked "T" should not be used under extreme temperature.

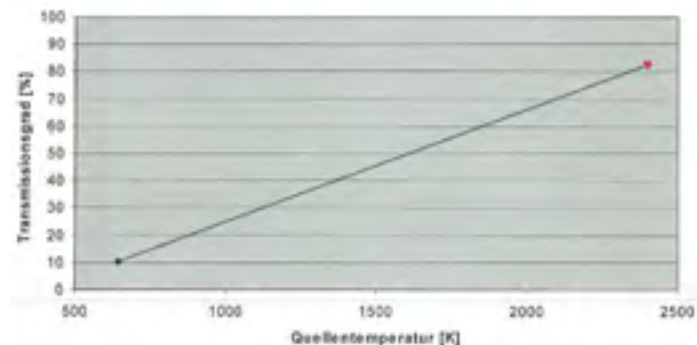
Mesh visors are not suitable to protect against heat, flames, sparks, hazardous liquids, molten material or electricity.

Damaged visors must be replaced.

Marking of the visor

Marking	Explanation of marking
EN14458:2004	European standard upon which marking is based
Bullard	manufacturer
A/B 10cm / 15cm	Visor type and size
R330	example for item number
10	example for year of manufacturing
. +	suitable for fire fighting
☺	rating as face protection
Optional characteristics and marking	
-40°C	suitable down to -40°C
K	abrasion resistance
N	anti-fog
Contact with liquid chemicals	
The durability of the visor and adapters was tested with the following chemicals	
Chemical	Concentration
Sulfur dioxide	30%
sodium hydroxide	10%
p-Xylene	undiluted
butane-1 -oL	undiluted
n-Heptane	undiluted

Diagram transmission factor

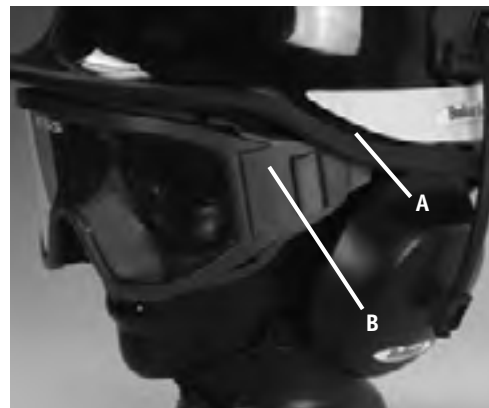


The radiant heat protection provided by this visor varies with the temperature of the heat source as shown in this graph. The visor should only be used in situations where it can reduce the exposure of the wearer's eyes to below 100 W/m².

Protective goggles

Fasten the goggles on the headband and adjust to the required contact with the face via the two loose ends of the strap A.

To remove the goggles, pull the two side handles B forwards.



Ear Neck Protectors

All available variants are fitted with Velcro fastening. Adjust the headband to the smallest size for assembly. Fold the nape protection at the middle and start to fasten in the nape protection to the right and left at the rear of the helmet.

Ensure a flush fit.

For the assembly of a Dutch Ear Neck protector it is recommended to take out the head ring first, assemble the Dutch Ear Neck Protector and reassemble the head ring.



USER INSTRUCTIONS for the Fire Service Helmet H10000EM and H2000

Replacement Parts

The helmet can be dismantled easily and quickly for replacing parts and cleaning.

Loosen the 4 press-studs **A** on the fastening band and remove the headband. You can now remove the inner section.



Cleaning and Storage

Always keep your safety helmet clean. If necessary, clean it before you examine it. Do not use the helmet if it is still wet after use or cleaning.

Manual cleaning

Do not use abrasive cleaners, benzene or solvents such as acetone, alcohol or similar to clean fire service helmets.

The universal cleaning agent Secusept™ Cleaner (0.5-1.0% solvent) and the disinfectant Incidur as well as mild soapy water are approved.

- Wipe helmet shell and all plastic parts of the interior lining with a damp cloth, then rub dry.
- Clean the visor with lukewarm soapy water or alcohol-free glass cleaner, then rinse and wipe dry.
- Remove straps and fabric of the interior lining then wash and disinfect together with the duty clothing in the wash bag.

Machine cleaning

WARNING

The fire service helmet is subject to very strong mechanical loads during machine cleaning. It can be damaged if the following information is not observed.

The helmet can be washed as follows in the washing machine.

- Pack helmet in a padded wash bag (for wash bag see Bullard helmet accessories)
- Load washing machine so that only one further helmet would fit into the drum
- Preselect "swivel program" for respirators
- Start wash
- Rinse four times
- Dry helmet thoroughly

Cleaning agents:

Approved cleaning agents: Eltra heavy-duty washing power with disinfecting properties, manufacturer: Ecolab

Dosage: 5g Eltra per 1 L fresh water

Water temperature: 62°C ± 2°C

Storage:

Store and transport your safety helmet so that it is protected against moisture, preferably in the original packaging.

Modifications to the helmet

The standard version of your helmet corresponds to the applicable standards and must not therefore be modified or **equipped with components made by other firms.**

Only use the accessories and spare parts approved by us.

The use of non conform components might cease the CE approval of your helmet and can affect your claims against health insurance in case of an accident.

Only wear your helmet completely assembled and do not use any removable components separately.

Life and Maintenance of your Bullard Fire Helmet

Your helmet is designed to absorb a certain amount of energy in the event of an impact. In addition, the helmet offers protection against flames, sparks, high temperature and liquid chemicals.

The helmet can be damaged or even destroyed as it protects against these hazards.

After a hard impact you should replace your helmet IMMEDIATELY, even if there is no visible damage on the outside of the helmet.

It should also be replaced if the helmet has been exposed to extreme heat such as a flash-over.

You should NEVER use a damaged helmet.

It must be repaired – if possible – or be rendered unserviceable.

The length of your helmet's service life is determined by the materials used in its construction as well as the environment in which the helmet is used and stored.

This firefighting helmet with its painted helmet shell of high-strength and temperature-resistant composite exhibits excellent aging resistance and if undamaged it does not undergo any changes by sunlight (UV radiation).

The life of the helmet is primarily limited by the effects of mechanical, thermal and chemical stresses.

The composite used in your helmet is considered very resistant to these stresses.

Furthermore, the helmet's life is influenced by the amount and diligence of care and maintenance.

The management of your fire department is responsible for deciding on the time for removing the helmet from service.

Contact your local sales distributor or Bullard Europe directly if in doubt or to check your helmet.

At regular intervals, conduct a check of the helmet shell, inner parts, straps and accessories.

Warranty

Bullard provides a warranty for a 24 months period from the date of purchase in respect to manufacturing and material faults. The helmet will be repaired, replaced or credited at the discretion of Bullard. The helmet must be sent to us carriage free as a precondition for claiming warranty; it must not be modified and the damage must not have resulted from improper use.

Bullard is on no account liable for damage, failure in use or other indirect, accidental, consequential or special costs, expenses or damages which could arise for the buyer, even if Bullard has been informed of the possibility of such damage.

Accessories and replacement parts

The use of components other than mentioned below along with the helmet might cease the CE approval of your helmet according EN443:2008.

All accessories and replacement parts are designed for the use along with your helmet.

These must not be used along with other helmets or as self contained equipment.

HBR	Head ring with ratchet H2000
HBP	Head ring with pinlock H1000OEM
CH3PT	Chin strap H2000
CH3PTH1	Chin strap H1000OEM
R160	Ratchet cover H2000
R635	Brow pad both models
VBLKN	Visor carrier H2000
R1003	Visor 10cm H2000 Type A
R1005	Visor 15cm H2000 Type B
VMESH	Mesh visor H2000
ALUFRAME	Visor carrier H1000OEM
ALUWINDOW	Visor 15cm H1000OEM Type B
R729	Neckprotector Nomex both models
R732	Dutch ear Neck Protector both models
STRH2	Reflective stripes H2000
STRH1	Reflective stripes H1000OEM
XTOMOD	protective goggle
VSTD15	Visor 15cm, Type B

Accessories and replacement parts are subject to technical changes and completion. Please check www.bullardextrem.com for latest information

Colors

H2000 lumenescent yellow.

H1000OEM and other colors on demand.

Certification

Your helmet has been tested and certified according EN443:2008, visors according EN14458:2004, the goggles XTO according EN166.

The helmet is suitable for structural fire fighting and Hot Training.

Hot Trainings can damage the helmet which is not covered by the regular warranty.

It is recommended to provide separate helmets dedicated to Hot Training. Or use Nomex Hoods

Options and Marking

Option	Marking
Electrical properties classification • wet helmet insulation test according 4.12.2 • surface insulation test according 4.12.3	E3
Classification Low temperature: -40°C	****
C: Classification liquid chemicals	NaOH, HCl, H ₂ SO ₄ , O-Xylen

WARNING

The protection provided by a helmet depends on the circumstances of an accident, and wearing a helmet cannot always prevent serious or even fatal injuries or long-term invalidity.

Always wear a correctly-adjusted helmet and straps, and always bear in mind that a helmet cannot protect the neck area or other unprotected areas of the head.

Ensure that wearing respiratory equipment does not affect the fit of the helmet and vice versa.

This helmet is only approved for use in fire service, rescue service and disaster control operations.

It is especially unsuitable as a sports or motorcycle helmet.

CE 0299

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