



### Description

Duon is an industrial safety helmet and can be used for

- working at heights
- rescue
- general work - protection against falling objects

### Use

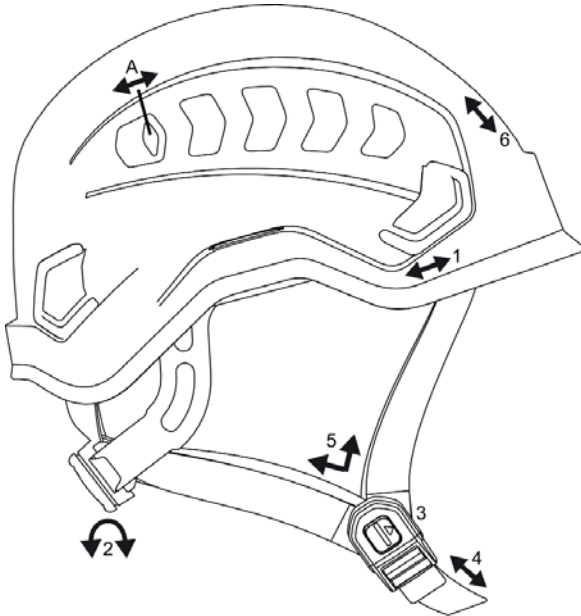
For adequate protection this helmet must fit or be adjusted to the size of the user's head.

The helmet is made to absorb the energy of a blow by partial destruction or damage to the shell and the harness, and even though such damage may not be readily apparent, any helmet subjected to severe impact should be replaced.

The attention of users is also drawn to the danger of modifying or removing any of the original component parts of the helmet, other than as recommended by the helmet manufacturer. Helmets should not be adapted for the purpose of fitting attachments in any way not recommended by the helmet manufacturer.

### Adjustment

1. Adjust the forehead adjuster to the smallest size which fits using the push fit rivet - this should only be needed when the helmet is fitted for the first time.
  2. Seat and centre the helmet on the head and adjust the rear adjustment wheel to a comfortable fit.
  - 3/4. Fasten and adjust the chinstrap.
  5. The chinstrap may be moved backwards or forwards to clear the ears. The side opposite the buckle can also be adjusted up and down.
  6. If necessary, the headband height may be adjusted by moving the press fastener. The end of the headband adjuster should be within the limit marks.
- Vent covers (A) can be slid forwards or backwards as required. Once fitted the helmet should be secure and stable.



Various accessories & spare parts are available. Please visit [www.heightec.com](http://www.heightec.com) for further information and availability.

### Warnings

- Do NOT use this product outside its limitations, or for any purpose other than that recommended above.
- Do NOT alter or make additions to this product.
- Do NOT allow contact with acids, bases, flux for welding, oils or detergents which could cause corrosion.
- Do NOT expose the helmet to high temperatures, for example, leaving a helmet in a vehicle exposed to sunlight.
- Do NOT allow contact with heat or sparks.
- Do NOT adhere stickers and labels or paints and solvents except those approved by heightec.

### Conformity

MH02 - Duon Air

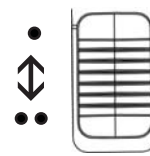
Conforms to EN397 - Industrial Safety Helmets and EN12492 - Helmets for mountaineers.

For EN397 close the vents and set the vent slider switch to the ● setting, this will restrict the opening of the vents. Open the chinstrap and set the buckle to the ●● setting - this will release at a load of 25 - 50 kg. For EN12492 set the vent slider switch and chinstrap buckle to the ●● setting. This will prevent the buckle from releasing at a load of less than 50kg and allow the vents to be fully opened.

MH01 - Duon

Conforms to EN397

The chinstrap buckle may still be set to the ●● setting, however, this only applies to the chinstrap as the helmet does not fully comply with EN12492 as it does not contain vents. It does, however, meet the optional requirements of EN397 for electrical insulation and molten metal splash resistance.



Vent slider switch (Duon Air only)



Chinstrap buckle

### Markings

In addition to the markings on the next page, the helmet also has markings in the following areas:

#### Shell

ABS - Material from which the shell is made  
52 ⇄ 66cm - size range  
EN397 - The number of the "Industrial Safety Helmets" standard  
Duon - the model/range

#### Cradle

Duon - the model/range  
52 ⇄ 66cm - size range

#### Label

##### Duon Air

EN397 ● - conformity setting  
EN12492 ●● - conformity setting  
Headband adjustment setting - set the corner between the marks  
Min \_\_\_\_\_  
\_\_\_\_\_ Headband adjustment limits

Max \_\_\_\_\_

##### Duon

EN397 ● - conformity setting  
EN12492 ●● - conformity setting (chinstrap only)  
Headband adjustment setting - set the corner between the marks  
MM - Protection against contact with molten metal splash  
440 V a.c. - Protection against live electrical conductors up to 440 V a.c.  
Min \_\_\_\_\_  
\_\_\_\_\_ Headband adjustment limits

Max \_\_\_\_\_

NOTE: Clause 5.1.4 of EN397 requires the chinstrap to release at the anchorage to the shell. As the Duon releases at the buckle it does not meet this requirement in full. The Duon is still type approved (CE marked) to EN397.

Clause 6.10.2.2 of EN397 requires measurements to be taken with the shell immersed in salt solution to within 10mm of the brim. The Duon meets this requirement at 20mm.

