

Technical Datasheet

for Personal Protective Equipment: Mesh visor 500x300mm

<u>Articleno.:</u> BFKHI002-1		<u>Description:</u> Mesh-visor made of wire-cloth, 500x250mm, with beaded edging	
<u>EN Norms:</u>		<u>CE-Certificate:</u>	
EN 1731		C5767UHL/R3	
Technical features			
Weight: 154g			
<ul style="list-style-type: none">Heat shield made of galvanized wire cloththe heat shield is attached to a visor carrier		<ul style="list-style-type: none">reflects radiant heatto avoid reflections the inside is blackened	
<u>Used materials:</u>			
Wire cloth:	galvanized iron, W 0,51 D 0,24		
Eyelts	iron		
<u>Fields of use:</u>			
<ul style="list-style-type: none">Heavy industry: esp. steel industry, foundries, chemical plants			
<u>Marking:</u>		UHL 1731 S CE on the front, upper right side	

If the eye-protection device is composed of two different devices, only the protection of the device with the lower protection class is given.

Notice relating to the mutual compability of the marking (DIN EN 166 note d, e and f in table 12). If protection against mechanical impacts with high velocity in extreme temperatures is needed, the used eye protection device has to be marked with the letter T after the letter for the impact protection, i.e. BT. Otherwise the eye protection device can only be used against impacts with high velocity in room temperature.

Articlelist

Visor carriers standard

GFKHH001 GFKHH001-1
GFKHH001-3 GFKHH002
GFKHH002-3 GFKHH003
GFKHH003-1 GFKHH003-3
GFKHH003-6 GFKHH003-8
GFKHH004 GFKHH005-2
GFKHH005-4 GFKHH006
GFKHH006-3 GFKHH008
GFKHH008-3 GFKHH009
GFKHH011 GFKHH011-3
GFKHH012 GFKHH012-3
GFKHH015 GFKHH015-3
GFKHH015-3 TATA
GFKTP002

Visor carriers KGS

GFKHH002 KGS
GFKHH002 KGS FLEX
GFKHH003 KGS
GFKHH008 KGS
GFKHH011-3 KGS
GFKHH011-1-3 KGS
GFKHH015 KGS

Mesh visors

BFKHI001
BFKHI002
BFKHI002-1
BFKHI004
BFKHI004-2
BFKHI004-2 KGS
BFKHI008
BFKHI008-6
BFKHI008-ALU
BFKHI010
BFKHI010-1
BFKHI010-2
BFKHI022-2
BFKHI202

User manual Aluminium-visor carrier with mesh visor



1 Mesh visor with window

2 Mesh visor

Manufacturer:

RUDOLF UHLEN GmbH

Herstellung von Arbeitsschutzartikeln

Am Höfgen 13 – 42781 Haan

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Internet: www.aschua-uhlen.de

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General manager: Volker Fiedler
Steffen Fiedler

Trade register no.: HRB 17088 Register court Wuppertal

Aschua



Documentno.:
01.07.2021 / R1

Description

Aluminium-visor carrier

- The visor carrier is the link between the hard hat and the safety visor.
- It is made out of high quality aluminium.
- Due to a powerful tension spring the visor carrier has a secure fit on the hard hat.
- The universal-visor carrier fits all standard hard hats. Different models can be manufactured for special hard hat shapes
- The mesh visors are attached with a rotating fastener or with a clip fastener.
- The mesh visors can be lifted into 4 positions.

Mesh visor

- The mesh visors are made of galvanized wire cloth and can be produced in various sizes.
- The edge of the wire mesh shields is either folded over twice and crimped – this gives the visor an enhanced stability – or the border is bound with a metalized fabric tape.
- The mesh visor reflects parts of the radiant heat and shields the face properly.

- The blackened interior ensures good visibility and prevents the wearer from being blinded by glare.
- On the upper edge the mesh visors are punched to attach them to the visor carrier.

Mesh visor with Aluminium window 60x120mm

- In the window fit amongst others inspection glasses and PC-visors with the dimensions 60x120mm.
- A cover between visor carrier and mesh visor protects against flying particles.
- The lenses are securely clamped in the frame by two steel springs.

Manual

- Before using the mesh visor you have to make sure that a lens is inserted (depending on model).
- For changing the lenses you have to raise the steel springs and turn them aside. Now the lens can be inserted and the steel springs can be returned to their original position.
- To attach the visor carrier to the hard hat, the U-profile of the carrier is

slid on the brim of the hard hat.

- That followed the tension spring is pulled over the back of the hard hat. Thereby the visor carrier cannot slip off the hard hat.
- Initially the mesh visor is attached with one of its oval holes on the rotary fastener and fixed by turning the fastener (alternatively it is shoved under the clip fastener).
- That followed the visor is pulled over the visor carrier's positioning pins up to the second rotating fastener / clip fastener. There, it is also fixed by turning the fastener.

Storage

Personal protective equipment should be stored in dry rooms. Especially components made of plastics should not be exposed to intense solar radiation.

Cleaning / Disinfection

The universal-visor carriers and the face-shields can be cleaned with water and standard detergents as well as mild disinfectants.

To avoid any scratches on the lenses, no hard or grained objects should be used for the cleaning. As far as possible the lenses should be cleaned with compressed air.

Safety checks

Before using the face shield the user should do a safety check. Damaged or scratched face shields or other damaged parts have to be replaced.

Maintenance / repairs

To be checked on a regular basis:

- Attachment and fit of the visor carrier on the hard hat. Also the tension spring should be checked.
- Folding mechanism of the visor carrier. If necessary the safety nut has to be tightened.
- Attachment of the mesh visor to the visor carrier. Especially the rotating fasteners have to be checked.
- Attachment and fit of the lenses
- Seam between the aluminium window frame and the wire cloth.

Repairs should only be done with the original parts of the manufacturer.

Decay time / aging

All used materials are exposed to environmental impacts like UV-radiation, acid rain and various other impacts.

Therefore especially the personal protective equipment made of thermoplastic plastics should be replaced after 3 years the latest.

Replacement indicators for the visor carriers are mainly

the period of use and its overall condition.

Materials used:

Aluminium-visor carrier

- Aluminium profiles
- Tension spring
- Raster made of steel
- PVC-tube
- Rotating fastener or
- Clip fastener

Mesh visor (varies with the model)

- Wire mesh
- Aluminium sheet
- Aluminized garment
- Iron eyelets

Marking

Aluminium visor carrier

UHL 166 BT CE
UHL 166 BT UKCA

Mesh visor

UHL CE
UHL UKCA

UHL 1731:2006-S CE
UHL 1731:2006-S UKCA

The articles are tested according to
EN 166:2001
EN 1731:2006

Explanation of the marking:

UHL = Manufacturer:
Rudolf Uhlen GmbH
166 = EN standard
1731 = EN standard
S = enhanced robustness
B = mechanical impact with medium energy (120 m/s)
T = extr. temperatures
CE = CE sign
UKCA = UKCA sign

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH

Alboinstr. 56
12103 Berlin, Germany
Notified Body: No. 0196

TUV Rheinland UK Ltd.
Friars Gate (Third Floor)
1011 Stratford Road
Shirley, Solihull B90 4BN, UK

Approved Body No.: 2751

General remarks

The mesh visor should only be used with the correct visor carrier (all Rudolf Uhlen GmbH models). The visor carrier should fit the hard hat properly. In case of doubt users should contact Rudolf Uhlen GmbH.

When approaching the danger zone the mesh visor has to be flipped down.

The mesh visors provide protection against mechanical impacts of class „S“ (enhanced robustness). These risks were tested under standard conditions.

Warning!

The safety officer should be contacted to ensure an adequate protection at work.

Plastic can cause an allergic reaction of the skin of sensitive persons.

Eye-protection devices against particles with high velocity could transmit the impact energy, if the device is worn together with standard glasses.

EU-Baumusterprüfbescheinigung

Inhaber	Rudolf Uhlen GmbH Am Höfgen 13 42781 Haan DEUTSCHLAND
Registernummer	C5767UHL/R3
Produkt	Augen- und Gesichtsschutzgeräte aus Gewebe
Typ, Modell	BFKHI001, BFKHI002, BFKHI002-1, BFKHI004, BFKHI010, BFKHI010-1, BFKHI010-2, BFKHI202, BFKHI022-2
Prüfgrundlage(n)	DIN EN 1731:2007-02
Prüfberichte/ Prüfzeichen	13811-PZA-17, 13812-PZA-17, 13813-PZA-17, 13814-PZA-17, 13815-PZA-17, 13816-PZA-17, 13817-PZA-17, 13818-PZA-17, 14211-PZA-17, 10532-PZA-19, 10533-PZA-19, 10534-PZA-19, 10511-PZA-22, 10512-PZA-22, 10513-PZA-22, 10514-PZA-22
Kennzeichnung des Produktes	Detaillierte Kennzeichnung siehe Anhang
Gültigkeitszeitraum	2023-03-17 bis 2027-12-14
Konformität	DIN CERTCO bestätigt die Übereinstimmung des Baumusters mit den geltenden grundlegenden Gesundheitsschutz- und Sicherheitsanforderungen nach Anhang II der Verordnung (EU) 2016/425 für persönliche Schutzausrüstung. Die Bewertung beruht auf den vom Hersteller oder vom bevollmächtigten Vertreter eingereichten Prüfmustern, den technischen Unterlagen, sowie dem Prüfbericht des Prüflabors. Eventuell vorhandene Vorgängerversionen dieser EU-Baumusterprüfbescheinigung verlieren hiermit ihre Gültigkeit. Weitere Informationen siehe Anhang.

2023-03-17

Dipl.-Biol. Katharina Vehring, M. Eng.
Benannte Stelle 0196

K. Vehring



ANHANG

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Zertifikat	C5767UHL/R3 von 2023-03-17
Herstellerkennzeichen	UHL
Kennzeichnung des Produktes	UHL CE
Produktspezifikationen	<p>Abmessungen: BFKHI010-1, BFKHI002-1, BFKHI010-2, BFKHI022-2: 500 mm x 250 mm BFKHI001, BFKHI002, BFKHI010, BFKHI202: 500 mm x 300 mm BFKHI004: 500 mm x 180 mm</p> <p>Drahtstärke: 0,6 mm Farben: Schwarz/silber/weiß/grau Material: Metallgewebe, Aluminium</p>
Weitere Produktinformationen	<p>BFKHI010, BFKHI010-1: mit Randeinfassung aus metallisiertem Gewebeband BFKHI010-2, BFKHI022-2: mit Randeinfassung aus metallisiertem Gewebeband, runde Ausführung BFKHI002, BFKHI002-1: mit gebördelter Randeinfassung BFKHI001: mit gebördelter Randeinfassung und Stahlschiene BFKHI202: mit gebördelter Randeinfassung, korbformig geschlossen BFKHI004: mit gebördelter Randeinfassung und Alu-Schiene</p> <p>Das Produkt darf nur kurzzeitig und zweckbestimmt eingesetzt werden. Es schützt nicht gegen Spritzer von Flüssigkeiten (einschließlich Flüssigmetall), heiße Festkörper, elektrische Risiken, Infrarot- und UV-Strahlung. Das Produkt darf vor Strahlungsquellen nur in Verbindung mit einem entsprechenden Schutzfilter unter dem Drahtschirm getragen werden. Das Produkt erfüllt die Anforderungen von Schutz gegen Teilchen hoher Geschwindigkeit 45 m/s gemäß DIN EN 1731:2007-02, Artikel 4.4.</p>
Bestimmungen/Pflichten	<p>Diese EU-Baumusterprüfbescheinigung ist Eigentum von DIN CERTCO und kann zurückgezogen werden, sofern die Bedingungen, die zur ihrer Ausstellung geführt haben, nicht mehr erfüllt sind.</p> <p>Die Informationsbroschüre (Gebrauchsanweisung) zum genannten Augenschutzprodukt muss in den Amtssprachen des Bestimmungslandes verfasst sein und unter anderem folgende Angaben zur notifizierten Stelle enthalten:</p> <p>DIN CERTCO Gesellschaft für Konformitätsbewertung mbH</p>



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Zertifikat

C5767UHL/R3 von 2023-03-17

Alboinstraße 56
12103 BERLIN
DEUTSCHLAND
Kennnummer der notifizierten Stelle: 0196

Auf dem Produkt muss, soweit möglich, eine Typen-, Chargen- oder Seriennummer oder ein anderes Kennzeichen zur Identifikation angebracht sein.

Auf dem Produkt muss, soweit möglich, der Name und die Postanschrift des Herstellers oder, sofern dieser nicht im Europäischen Wirtschaftsraum ansässig ist, der Name und die Postanschrift eines im Europäischen Wirtschaftsraumes ansässigen bevollmächtigten Vertreters oder Einführers angebracht sein.

Auf dem Produkt und dessen Verpackung muss Monat und Jahr der Herstellung und/oder Monat und Jahr des Verfalls unauslöschlich und eindeutig angebracht sein.

Es ist nicht gestattet, dass Produkt mit der Kennnummer 0196 zu kennzeichnen.

Jede Änderung am Produkt, den technischen Unterlagen oder dem Qualitätssicherungssystem muss DIN CERTCO schriftlich mitgeteilt werden.

Es gelten die Allgemeinen Geschäftsbedingungen von DIN CERTCO.



Rudolf Uhlen GmbH - Am Höfgen 13 - 42781 Haan

EU-DECLARATION OF CONFORMITY (2019.R1)

1. PPE: **BFKHI010-1**

2. Manufacturer: **Rudolf Uhlen GmbH
Am Höfgen 13
42781 Haan**



3. This declaration of conformity is issued under the sole responsibility of the manufacturer:
Rudolf Uhlen GmbH.

4. Object of the declaration:
Mesh-visor made of wire-cloth, 500x250mm, with beaded edging

5. The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation legislation: guideline 2001/95/EG and regulation (EU) 2016/425.

6. The notified body DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alboinstr. 56, 12103 Berlin (0196) performed the EU type-examination (Module B) and issued the EU type-examination certificate **C5767UHL/R3**.

7. Additional information:
Signed for and on behalf of:
Rudolf Uhlen GmbH

Haan, 17. March 2023:



Steffen Fiedler
-General manager-