

Technical Datasheet

for Personal Protective Equipment: Heat Shield 500x250mm with window 60x120mm

<u>Artikelno.:</u> BFKHI008		<u>Description:</u> Heat Shield made of wire cloth 500x250mm with window 60x120mm, for visor carriers, inside blackened.	
<u>EN Norms:</u>		<u>CE-Certificate:</u>	
EN 166		C4776UHL/R1	
Technical features			
Weight: 173g			
<ul style="list-style-type: none">Heat Shield made of zinc plated wire clothin the window can be placed Neotherm-inspection glasses, Athermal-welding glasses and PC-visor with the measurement 60x120mm		<ul style="list-style-type: none">protects the face of radiant heatto avoid reflections the inside is blackenedthe heat Shield is fixed to a visor carrier	
<u>Used materials:</u>			
<u>Wire cloth:</u>		zinc plated iron W 0,51 D 0,24	
<u>Fields of use:</u>			
<ul style="list-style-type: none">Heavy industry: esp. steel industry, foundries, chemical plants			
<u>Marking:</u>		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

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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
Registernummer	C4776UHL/R1
Produkt	Tragkörper für Gesichtsschutzschilder
Typ, Modell	BFKHI008, BFKHI008-6
Prüfgrundlage(n)	DIN EN 166:2002-04
Prüfberichte/ Prüfzeichen	108816-PZA-13, 108817-PZA-13, 12981-PZA-18, 12982-PZA-18
Kennzeichnung des Produktes	Detaillierte Kennzeichnung siehe Anhang
Gültigkeitszeitraum	2018-11-26 bis 2023-06-18
Konformität	<p>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.</p> <p>Eventuell vorhandene Vorgängerversionen dieser EU-Baumusterprüfbescheinigung verlieren hiermit ihre Gültigkeit.</p> <p>Weitere Informationen siehe Anhang.</p>

ANHANG

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Zertifikat	C4776UHL/R1 von 2018-11-26
Herstellerkennzeichen	UHL
Kennzeichnung des Produktes	CE
Produktspezifikationen	Material/Werkstoff: Aluminium, Eisen, Stahl Farbe: Silber
Weitere Produktinformationen	<p>Bochumer Brillen</p> <p>Die Schutzwirkung gegen Hitzeabstrahlung besteht nur bei direktem Blick in die Schmelze - das Produkt bietet keinen Schutz vor seitlicher Einstrahlung.</p> <p>Eingeschränktes Gesichtsfeld: Nur für den kurzzeitigen direkten Blick in die Schmelze geeignet.</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 Alboinstraße 56 12103 BERLIN DEUTSCHLAND Kennnummer der notifizierten Stelle: 0196</p> <p>Auf dem Produkt muss, soweit möglich, eine Typen-, Chargen- oder Seriennummer oder ein anderes Kennzeichen zur Identifikation angebracht sein.</p> <p>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.</p>



ANHANG

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Zertifikat

C4776UHL/R1 von 2018-11-26

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 (2018.R1)

1. PPE: **BFKHI008**

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, window 60x120mm,
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 **C4776UHL/R1**.

7. Additional information:

Signed for and on behalf of:
Rudolf Uhlen GmbH


Haan, 27. November 2018:



Steffen Fiedler
-General manager-

Rudolf Uhlen GmbH - Am Höfgen 13 - 42781 Haan

DÉCLARATION UE DE CONFORMITÉ

1. EPI: **BFKHI008**
 2. Fabricant: **Rudolf Uhlen GmbH
Am Höfgen 13
42781 Haan**
- 
3. La présente déclaration de conformité est établie sous la seule responsabilité du fabricant:
Rudolf Uhlen GmbH.
 4. Objet de la déclaration:
Ecran grillagé en toile métallique tissée, 500x250mm, fenêtre 60x120mm, avec bordure perlée, oeillets ovales pour monture de casque
 5. L'objet de la déclaration décrit au point 4 est conforme à la législation d'harmonisation: Directive 2001/95/EG et décret (EU) 2016/425.
 6. Le cas échéant, l'organisme notifié DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alboinstr. 56, 12103 Berlin (0196) a effectué l'examen UE de type (Modul B) et a établi l'attestation d'examen UE de type **C4776UHL/R1**.
 7. Informations complémentaires:
Signé par et au nom de:
Rudolf Uhlen GmbH

Haan, 27. November 2018:



Steffen Fiedler
-Geschäftsführer-