

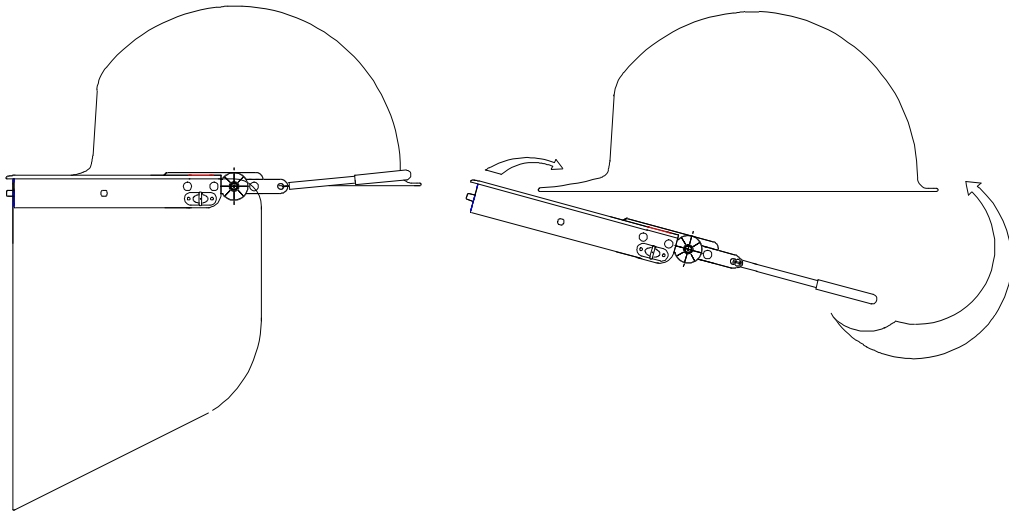
## Technical datasheet

for Personal Protective Equipment: Universal-Visor Carrier

<u>Artikelno.:</u> GFKHH003				<u>Description:</u> Aluminium visor carrier for mounting on industrial helmets with mounting device for safety visors.	
<u>EN Norms:</u>				<u>CE-Certificate:</u>	
EN 166	EN 167	EN 168	EN 170	C0844UHL/R1	
<b>Technical features</b>					
<u>Weight:</u> 135g					
<ul style="list-style-type: none"> <li>• Visor carrier made of high-quality aluminium</li> <li>• high sealing from above, due to a wide overlap of the profiles, when flapped down</li> </ul>				<ul style="list-style-type: none"> <li>• 4-level-joint</li> <li>• Fixation of the safety visor with rotary latch</li> <li>• the visor carrier is fixed on the helmet by a robust steel spring</li> </ul>	
<u>Used materials:</u>					
<u>Profiles:</u>		Aluminium			
<u>Raster:</u>		Strip steel C75S, hardened and zined			
<u>Tension spring:</u>		Spring steel X12 Chrome-Nickel 17.7K stainless			
<u>Tube:</u>		Soft-PVC			
<u>Fields of use:</u>					
<ul style="list-style-type: none"> <li>• Heavy industry: esp. steel industry, foundries, chemical plants</li> </ul>				<ul style="list-style-type: none"> <li>• fire brigade, civil protection</li> </ul>	
<u>Marking:</u>					
		UHL 166 B CE on front of the t-profile			

# User manual

## Universal-visor carrier with face shield



### Description

#### Universal-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 face shields are attached with a rotating fastener or with a clip fastener.
- The face shields can be lifted into 4 positions.

### Face shield

- The face shields can be produced in various models. They differ in thickness, shape, shade or material.
- For infrared protection the face shields can be coated with a layer of gold.
- On the upper edge the face shields are punched to attach them to the visor carrier.
- The face shields fit both the Rudolf Uhlen visor carriers as well as the Rudolf Uhlen head-gear.

### Manual

- 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 face shield is attached with one of its oval holes on the rotary fastener and fixed by turning the fastener or it is shoved under the clip fastener.
- That followed the visor is pulled over the visor carriers' 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

The universal-visor carriers and the face-shields can be cleaned with water and standard deter-

gents. However, the face shields should be dried with compressed air to avoid scratches.

### Safety checks

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

### Maintenance/repairs

Maintenance has to be conducted on a regular basis.

### To be checked in particular:

- 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 face shield to the visor carrier. Especially the rotating fasteners have to be checked.
- The face shield has to be checked for its transparency and other damages.

Repairs can 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 5 years the latest.

Replacement indicators for the visor carriers are mainly the period of use and its overall condition.

### Marking

#### Aluminium visor carrier:

UHL 166 B CE

**PC-face shield:**

UHL 1 BT 9 CE

**CA-face shield:**

UHL 1 FT CE

#### PC-face shield goldcoated:

4-4 UHL 1 BT 9 CE 0196

4-5 UHL 1 BT 9 CE 0196

### Explanation of the marking:

4-4/4-5 = IR-shade

UHL = Manufacturer

Rudolf Uhlen GmbH

166 = EN Norm

1 = optical class

F = mechanical impact with low energy

B = mechanical impact with medium Energy

T = extr. temperatures

9 = molten metal and hot solids

CE = CE sign

0196 = notified body

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH

Alboinstr. 56

12103 Berlin

Notified Body: No. 0196

### Warning!

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

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 (s. 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.

**This manual refers to the following articles:**

#### Visor carrier standard

GFKHH001	GFKHH001-1
GFKHH002 KGS	GFKHH001-3
GFKHH003	GFKHH003-1
GFKHH003-3	GFKHH003-8
GFKHH003 KGS	GFKHH004
GFKHH005-2	GFKHH008
GFKHH008 KGS	GFKHH008-3
GFKHH012	GFKHH012-3
GFKHH015 KGS	GFKHH015

#### Face-shield made of PC

GFKVI002	GFKVI002-1
GFKVI002-3	GFKVI002-4
GFKVI002-5	GFKVI002-9
GFKVI016-2	GFKVI016-3
GFKVI102	GFKVI102-5
GFKVI102-9	GFKVI202
GFKVI202-2	GFKVI204

#### Face shield made of CA

GFKVI007	GFKVI007-4
GFKVI007-9	GFKVI200
GFKVI200-2	

#### Face shield gold-coated

GFKVI001	GFKVI001-1
GFKVI001-2	GFKVI001-6

## RUDOLF UHLEN GmbH

Herstellung von Arbeitsschutzartikeln

Am Höfgen 13 – 42781 Haan

Telephone: 02129/1444

Telefax: 02129/59980

Internet: [www.aschua-uhlen.de](http://www.aschua-uhlen.de)

E-mail: [info@aschua-uhlen.de](mailto:info@aschua-uhlen.de)

Managing director: Volker Fiedler

Steffen Fiedler

Trade register no.: HRB 17088

Register court Wuppertal

Bank details:

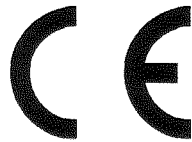
Stadtsparkasse Solingen (BLZ 342 500 00) Account no.: 11502

IBAN: DE20 3425 0000 0000 0115 02 SWIFT: SOLSDE33

USt.-IdNo.: DE 237737641

Tax-no.: 135/5760/1091





## EG-Baumusterprüfbescheinigung

Registernummer/Geschäftszeichen: C0844UHL/R1  
Dieses Zertifikat ersetzt Zertifikat C0844UHL.

Der Firma

**Rudolf Uhlen GmbH**  
**Herstellung von**  
**Arbeitsschutzartikeln**  
Am Höfgen 13  
42781 Haan

Kennbuchstabe des Antragstellers: UHL

wird für das Produkt

**Tragkörper für Sichtscheibe und Filter**

vom Typ

**GFKHH003**

die Konformität mit

**DIN EN 166:2002-04**  
**grundlegende Anforderungen nach**  
**Anhang II der Richtlinie 89/686/EWG (Stand: 1989-12)**

bestätigt.

Prüfbericht(e): 0241-MPA-96, 11992-PZA-12, 11995-PZA-12, 11996-PZA-12,  
11997-PZA-12, 11998-PZA-12, 11999-PZA-12, 119910-PZA-12,  
119913-PZA-12

**Kennzeichnung: UHL 166 B CE**

**Diese EG-Baumusterprüfbescheinigung ist gültig bis 2017-10-08.**

## Anhang

zum Zertifikat mit der Registernummer C0844UHL/R1 vom 2012-10-09

DIN CERTCO PZA bestätigt die Übereinstimmung des Baumusters mit den grundlegenden Anforderungen der Richtlinie 89/686/EWG für persönliche Schutzausrüstung. Die Bewertung beruht auf den vom Hersteller oder dem Inverkehrbringer eingereichten Prüfmuster, den technischen Unterlagen sowie dem Prüfbericht des Prüflabors:

### Prüfbericht(e)

0241-MPA-96, 11992-PZA-12, 11995-PZA-12, 11996-PZA-12,  
11997-PZA-12, 11998-PZA-12, 11999-PZA-12, 119910-PZA-12,  
119913-PZA-12

In der Informationsbroschüre zu dem genannten Augenschutzprodukt sind Name, Anschrift und die Kennnummer 0196 der DIN CERTCO als benannte Stelle anzugeben.

Der Hersteller bzw. Inverkehrbringer hat zu jedem Produkttyp eine Konformitätserklärung vorzuhalten.

**Das Augenschutzgerät ist auf Sichtscheibe, Filter und / oder Tragkörper wie folgt zu kennzeichnen:**

UHL 166 B CE

### Weitere zusätzliche Produktspezifikationen:

Mechanische Stabilität: B (120 m/s)

Ausführung:

- Helmhalterung
- GFKHH003 Standard
- GFKHH003-3 (mit Schaumstoffpolsterung)
- GFKHH003-8 (U-Profil aufgebördelt)
- GFKHH004 (Befestigung mit Drehknebel)
- GFKHH005-2 (neues U-Profil)
- GFKHH006 (neues U-Profil)
- GFKHH008 (neues U-Profil)
- GFKHH008-3 (neues U-Profil mit Schaumstoffpolsterung)
- GFKHH0012 (neues U-Profil)
- GFKHH0012-31 (neues U-Profil mit Schaumstoffpolsterung)
- GFKHH0015 (neues U-Profil)

## EC DECLARATION OF CONFORMITY

The manufacturer or his authorized representative established in the Community:

**Rudolf Uhlen GmbH**  
**Am Höfgen 13**  
**42781 Haan**

declares that the new PPE described hereafter

**GFKHH003** Universal visor carrier

- is in conformity with the provisions of Council Directive 89/686/EEC and, where such is the case, with the national standard transposing harmonized standard No DIN EN 166 (for PPE referred to in Article 8 (3)).
- is identical to the PPE which is the subject of EC certificate of conformity N° **C0844UHL/R1** issued by

**DIN CERTCO GmbH**  
**Prüfzentrum Augenschutz**  
**Tillystr. 2**  
**90431 Nürnberg**

Done at Haan, on October 15, 2012.

Hersteller von

Arbeitsschutzartikeln

**RUDOLF UHLEN**

GmbH

42781 Haan Am Höfgen 13

Telefon 0 21 29 / 14 44, Fax 5 99 80

Signature