

HEROS®

*The Fire Helmet Systems
Tested to EN 443*



rosenbauer

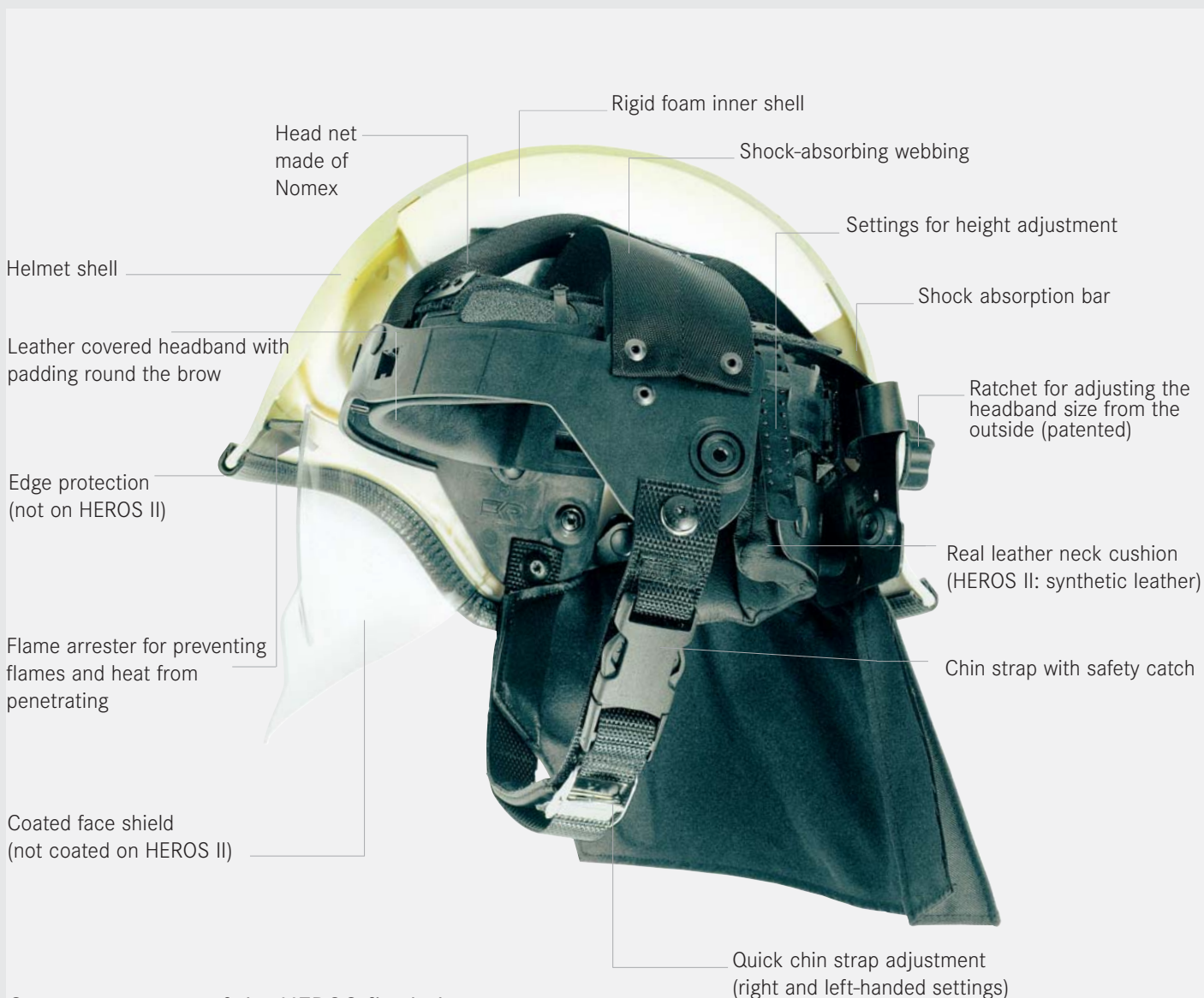
HEROS HELMET S

Successfully used in 60 countries worldwide for over ten years.

Designed for maximum comfort and efficiency, the HEROS systems ensures the firefighter a high level of safety.

The helmet and accessories are coordinated for an optimum fit:

- Helmet/mask combination
- Headset
- Helmet light
- Neck guard
- Face shield



Component parts of the HEROS fire helmet

SYSTEMS

The helmet is fully tested and approved to the most stringent standards and has passed additional tests with top results

EN 397 EN 443 EN 166

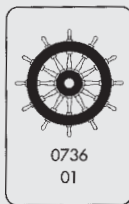
Industrial safety helmets

Helmets for structural fire fighting

Protection against high speed particles



SN 054 511/2 Sec. 8.2 Radiant heat



Solas 74/88 Ch. 11-2



Labelling for HEROS GFK and helmets with glassfibre-reinforced shells:

[14]
««««»»»»

Radiant heat

E2E3

Electrical properties

*****-30°C**

Low temperatures

[14]E2E3***
««««»»»»

Labelling

Top results in the BUK/DFV test (German Accident Insurance/Fire Service) at Essen DMT 09/02 (for HEROS GFK):

Radiant heat test

Surface temperature 250°C for 20 minutes - then the shock absorption and penetration resistance is tested

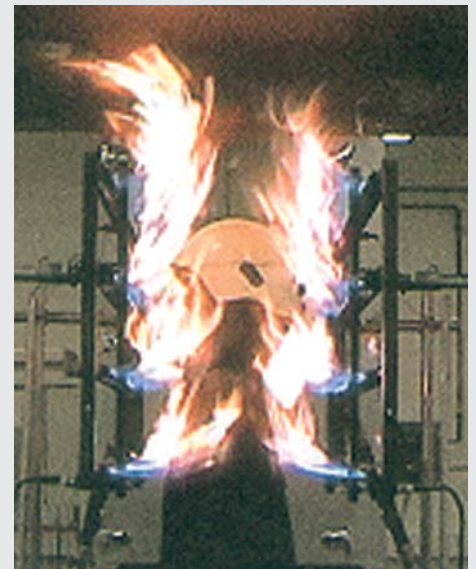
Passed in full

Flashover test

Exposure to flames at approx. 1000°C for 10 sec. Based on prEN 137

Lowest probe temperatures

**No delamination
Full protection**



HEROS HELMETS

**PERFECT PROTECTION &
MAXIMUM COMFORT**

Design/shape:

- Proven design – comprehensive protection, also under extreme conditions
- Anatomically shaped for unrestricted freedom of movement
- 2/3 helmet shell – hearing and heat sensation permanently maintained (unrestricted directional hearing)
- Low weight – only approx. 1.3 kg



Materials:



Red RAL 3000

Blue RAL 5015



White RAL 9016

Yellow RAL 1018



Orange RAL 2004

Black RAL 9004



Luminous



Chrome-plated



Helmet shell material

Polyamide/glassfibre-reinforced
Through colour

Polyamide/glassfibre-reinforced, coated
four times

Polyamide through colour

Chrome-nickel plating

Neck protection

Standard neck guard
made of silver
polyurethane lined
with dark blue
P84 fabric
(polyimide)

NOMEX blue

Standard silver

Standard silver

Option: full neck protector made of Zirpro-treated wool (dark blue),
flame retardant or polyurethane (silver flame retardant)

SYSTEMS

INSIDE KIND TO THE HEAD & UNIVERSALLY ADJUSTABLE

1. **Helmet size adjustable from outside**

Knob, also easy to turn with gloves on. The required setting can be changed quickly depending on the operation (e.g. secure for extreme situations and looser in less dangerous conditions)

2. individual **wearing height setting**

3. **Replaceable covers** on the headband and middle part of the chin strap.

Neck padding completely replaceable.

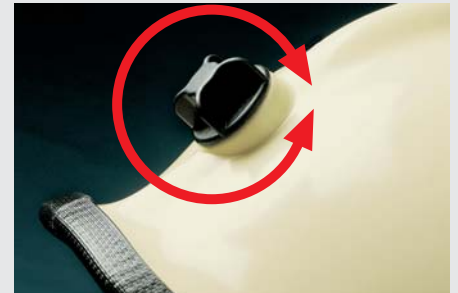
4. Quadruple shock absorption with:

- Rigid foam inner shell
- Crosswise shock-absorbing webbing
- Impact bar
- Generous flame-retardant NOMEX® liner netting with comfortable padding at the pressure points

5. **Additional heat and flame protection** with flame arrester between the shell and visor.

6. **Self-releasing safety chin strap**

opens when subjected to pressure (if it gets caught or there are explosion pressure waves)



OPTIMUM FACE SHIELD & WIDE FIELD OF VIEW

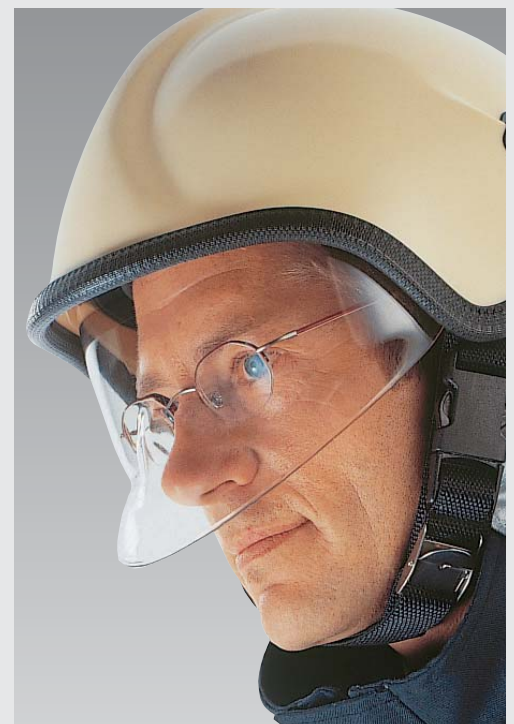
1. **Retractable face shield**

2. Extremely **wide field of view**

3. APEK polycarbonate (approx. 2.2 mm thick), **anti-fogging** on the inside and a **scratch-resistant coating** on the outside

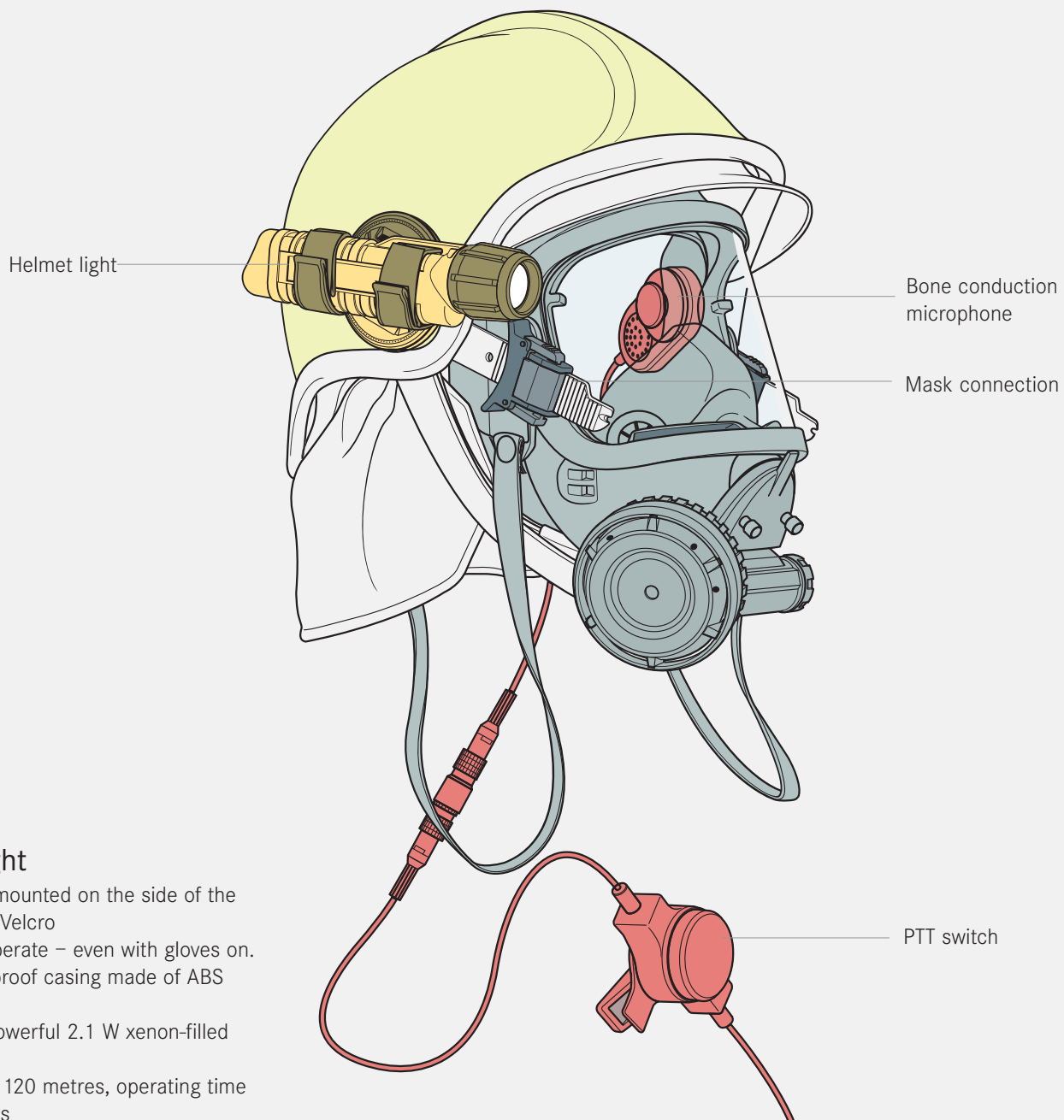
4. **Additional test** to EN 166:1995 – protection against high-speed particles

5. Also suitable **for people with glasses**



HEROS HELMET SYSTEMS

HEROS HELMET SYSTEMS



Helmet light

- The light is mounted on the side of the helmet with Velcro
- Simple to operate – even with gloves on.
- 100% waterproof casing made of ABS plastic
- Extremely powerful 2.1 W xenon-filled lamp
- Range up to 120 metres, operating time up to 5 hours
- Explosion-proof
 - Zone 2: SNCH 01 ATEX 3297 II 3G EEx nL IIC T5
 - Zone 1: SNCH 01 ATEX 3296 II 2G EEx ia e IIB T4
- Extremely light - weight approx. 170 g
- Batteries: 4 standard 1.5 V AA cells.



SYSTEMS

MASK ATTACHMENT



- Patented 2-point helmet/mask system
- For all common breathing masks
- Simple, quick and safe to use
- Problem-free replacement (2 screws)
- Individual adjustment and perfect snug fit with many different settings on the fastening
- Fastenings on the inside - no protruding parts
- Safety catch prevents the mask from coming off accidentally

BONE CONDUCTION COMMUNICATIONS KIT

- Impact-Com communications kit
- Microphone and speaker in one case.
- Expansion bellows microphone on the side of the head picks up speech
- Large PTT (**P**ush **T**o **T**alk) switch, which can also be pressed with underarm or elbow. Hands therefore remain free.
- Clear communication, even at noise levels over 100 dB(A)
- Plug for all common radios



Colours

Red – RAL 3000
Blue – RAL 5015
White – RAL 9016
Yellow – RAL 1018
Orange – RAL 2004
Black – RAL 9004
Luminous GFK
Luminous through colour
Chrome-plated

HEROS

156623
156618
156614
156621
156629
156628
1566142
156600
156605

HEROS II*

156637
156638
156635
156636
156641
156639
1566144
156630

Supplied with HEROS and HEROS II: neck protection, cleaning gel and cloth, user information

* Heros with synthetic leather neck cushion and uncoated visor, without edge protection without cleaning gel and cloth

ACCESSORIES

15667021 Neck protection made of silver PU
15667019 Neck protection made of dark blue NOMEX® for HEROS GFK
15667305 Full neck protector (Type "Holland") made of silver PU
15667306 Full neck protector (Type "Holland") made of dark blue Zirpro-treated wool

15667601 Face shield for HEROS (anti-fogging and scratch-resistant coating)
15667603 Face shield for HEROS II (not coated)
156672 Face shield, gold-coated
156675 Chin cup, rigid
156674 Chin cup, soft
158163 Fire Fighters Hood made of dark blue NOMEX



Fire Fighters Hood



Mask adapter

HELMET LIGHT

307854 MINI UK4 AA with xenon lamp
30785402 Spare xenon bulb
1566202 Light holder on helmet (Velcro), replaceable



Radioset

FULL FACE MASK FIXINGS

156600000 Ratchet bands (2) mounted in the helmet
4012301 Ratchet bands as replacement set

MASK ADAPTER SETS

Consisting of: 2 adapters + 2 ratchet bands
401222 for Dräger NOVA mask
40122201 for Dräger f2 mask
401224 for MSA-Auer 3S mask
401226 for Interspiro mask
401216 for Sabre PANASEAL mask

RADIOSET

15665610
15665615

IMPACT-COM upper part (with microphone and speaker)
IMPACT-COM lower part (without radio plug, with PTT switch)
Radio plug on request

MASK ADAPTER (2)

401232 for Dräger NOVA mask
40123201 for Dräger f2 mask
401234 for MSA-Auer 3S mask
401236 for Interspiro mask
401215 for Sabre PANASEAL mask

LABELLING

158110
158120
158130
15811002
15812002
15813002

Helmet strip set, red
Helmet strip set, silver
Helmet strip set, gold
Helmet strip set, red, two
Helmet strip set, silver, two
Helmet strip set, gold, two
Other helmet badges on request

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