

Dräger HPS 4300 Firefighter's helmet

Dräger HPS 4300 – a firefighter's helmet in a class of its own. Optimum protection even at extreme temperatures. Convincing wearing comfort and a good climate inside the helmet. An extensive range of accessories is available to complete the head-protection system.



- Maximum protection against penetration or impact
- Helmet made of high-temperature-resistant Aramid-Duroplastic
- Visor made of high-temperature-resistant polysulfone material
- Modern interior design with 4-point harness and continuously adjustment to suit individual head sizes
- Currently one of the lightest helmets in accordance with EN 443:2008 – Type A.

DEVELOPED WITH OUR CUSTOMERS

We developed the Dräger HPS 4300 firefighter's helmet in close cooperation with our customers. The half-shell helmet Dräger HPS 4300 has been specially designed to meet the requirements of the new standard EN 443:2008 - Type A and is currently one of the lightest helmets of its class in accordance with this standard.

FLAME-RESISTANT, ROBUST HELMET SHELL

The shape of the helmet shell is based on the latest generation of the NATO helmet. It is made of the high temperature-resistant material Duroplastic – additionally reinforced by state-of-the-art aramid fabric – withstands intense heat from open flames or radiant sources. Thus, the helmet offers maximum protection against penetration as well impact even under the influ-

ence of extreme heat. The helmet shell is pressed using the SMC process, then provided with an optimized, particularly durable paint coating – a process that also assures inherent fire protection. As a result, the Dräger HPS 4300 is virtually unbeatable in terms of robustness and paint-bonding.

TEMPERATURE-RESISTANT ANTI-SCRATCH VISOR

The visor for the Dräger HPS 4300 – made of highly thermally stable polysulfone material – comes down to the chin area, thus protecting the entire face (approved as "face guard" in accordance with EN 14458). The amber-tinted visor is equipped with an anti-scratch coating on both sides and is available with or without gold coating for applications with high infrared (IR) radiation.



D-15684-2009



D-15749-2009

XL special rotating wheel



D-15715-2009

HPS 4300
with attached
communication headset

USER-OPTIMIZED WEARING COMFORT AND GOOD CLIMATE

The convincing wearing comfort offered by the Dräger HPS 4300 is achieved through the modern, comfortable interior design and the innovative 4-point harness. The special rotating wheel allows a simple and continuous adjustment of the helmet interior during operation to fit the individual head size using just one hand. The harness can be individually adjusted in the neck area using clamping buckles and in the

temple area using a simple draw system. The integrated hair net is used for height adjustment and also ensures a good climate inside the helmet. The harness is made of fire-resistant, washable Nomex/Aramid textile, while the sweatband is made of washable, eco-leather.

WIDE RANGE OF ACCESSORIES

The wide range of accessories supports optimal adjustment of the helmet to suit the diverse and specific applications faced

by the fire service. Various varieties of neck protectors are available, with regard to design and material, offering optimal protection against mechanical and thermal stress in the neck/throat region. The accessories are rounded off by a large selection of different visors, helmet lamps and communication systems, which can be adapted to the Dräger HPS 4300.

DRÄGER HPS 4300

OUTER SHELL

Made of temperature-resistant Duroplastic, reinforced with aramid fabric

REFLECTIVE STRIPE

Silver, reflective stripe around the helmet – made of flame-resistant material (only with the comfort version)

VISOR ADAPTION PIN

Adaption point for visors and lamp holder

EDGE PROTECTION

Rubber edge made of fire-resistant material (only with the comfort version)

HEADBAND

Easily exchangeable and washable

INTERIOR DESIGN

Washable Nomex material, flame-resistant

GOGGLES LOOP

For adaption of protective goggles (only with the comfort version)

VISOR

Anti-scratch coating, amber-tinted, available with/without gold coating

FASTENING SYSTEM

Special heat-resistant, ergonomic buckle

HARNESS

4-point harness made of flame-resistant Nomex/Aramid textile, with flexible chin loop

SPECIAL ADJUSTING WHEEL

Easy adjustment for fitting individual head-sizes



ACCESSORIES

NECK PROTECTION | LAMP | LAMP HOLDER

A plug-in system allows any neck protector from Dräger to be attached quickly.

Dräger lamps are exceptionally bright, particularly lightweight and robust.

ST-13375-2008



**Nomex/
Aluminum**
Aluminized with
reverse side made
of Nomex III
R 56 622

ST-13374-2008



**Nomex/
Belgium version**
Four-layer, high-
quality Nomex/Aramid
fabric, anti-static,
specifically for inside
attack, resistant to
many acids and
bases
R 56 621

ST-13376-2008



Wool
Long (type: Dutch
type), 100% wool,
oil and water-repellent,
flame-retardant, lower
edge stitched with
Nomex III
R 56 623

D-1131-2010



**Lamp Dräger PX1
Xenon**
Robust, high-tem-
perature-resistant
lamp with Ex-
approval
R 57 816

D-1131-2010



**Lamp Dräger PX1
LED**
Robust, high-
temperature-resistant
lamp with Ex-
approval, long
lifetime due to
LED-technology
R 57 815

ST-13360-2008



**Lamp holder
HPS 4300**
Made of high
temperature-
resistant plastic
R 57 406

ST-13373-2008



Nomex
Short and tight,
Nomex with
fluorocarbon
R 56 620

D-12269-2009



Leather
Good mechanical
protection against
embers, ash, etc.
R 57 405

D-16176-2010



Nomex Holland-version
Three-layer highquality Nomex
fabric
R 58 015

EYE PROTECTION: VISORS AND PROTECTIVE GOGGLES

Different, easily adaptable visors made of polycarbonate (PC) and polysulfone (PPSU) are available. They are available in two sizes, with "clear", "gold metalized" and "anti-scratch" (AS) coatings.

D-15750-2009



PPSU (polysulfone) visors
approved in accordance with EN 14458,
in combination with HPS
4300 approved in accordance with
EN 443:2008
Clear, Size H2 AS/AS **R 57 396**
Clear, Size H3 AS/AS **R 57 397**
Gold, Size H2 AS/AS **R 57 400**
Gold, Size H3 AS/AS **R 57 401**

D-15752-2009



PC (polycarbonate) visors,
approved in accordance
with EN 166 and in combination with
HPS 4300 for technical rescues in
accordance with EN 443:2008
Clear, Size H2 AS/AS **R 57 390**
Clear, Size H3 AS/AS **R 57 391**
Gold, Size H2 AS/AS **R 57 394**
Gold, Size H3 AS/AS **R 57 395**

ST-13367-2008



Metal mesh visor
To protect the eyes against
flying shavings, e.g. when
working with wood, approved
in accordance with EN 1731
R 56 188
Visor adaptor Required for
attaching metal mesh and
electro visor
R 57 408

ST-13366-2008



Electro visor
To protect eyes
against electric arcs
when working in
electric installations
carrying heavy
currents, approved in
accordance with EN
166
R 56 187

ST-13362-2008



Protective goggles
Black body, visor
made from 2 mm
polycarbonate, anti-
scratch and anti-fog
coating. Optical
class 2 and ballistic
protection class 2,
approved in accordance
with EN 166
R 56 076

ADDITIONAL ACCESSORIES

ST-13365-2008



**Hearing protection –
Ear muffs**
To wear under
the helmet
R 56 186

ST-13371-2008



Anti-fog spray
For all visors
R 56 542

ST-15132-2008



**Adapter ring for
Savox-Coms**
For adapting a
communication
system
R 56 828

D-544-2009



Paint repair kits,
in all helmet colors
(see order information
for accessories)

D-9169-2011



Helmet bag
Suitable for up to
two helmets and
accessories
R 58 555

Safety goggles

With elastic strap in
Pinlock-technology, anti-
fog coating, approved in
accordance with EN 166 /
EN 14458
R 58 563

ORDER INFORMATION

Basic version – Without edge protection, without reflective stripe and without goggles loop

Dräger HPS 4300 Basic, photoluminescent, size H2	R 57 360
Dräger HPS 4300 Basic, photoluminescent, size H3	R 57 361

Comfort version – With reflective stripe, edge protection and goggles loop

Dräger HPS 4300 Comfort, photoluminescent, size H2	R 57 362
Dräger HPS 4300 Comfort, photoluminescent, size H3	R 57 363
Dräger HPS 4300 Comfort, white, size H2	R 57 364
Dräger HPS 4300 Comfort, white, size H3	R 57 366
Dräger HPS 4300 Comfort, black, size H2	R 57 369
Dräger HPS 4300 Comfort, black, size H3	R 57 370
Dräger HPS 4300 Comfort, red, size H2	R 57 367
Dräger HPS 4300 Comfort, red, size H3	R 57 368
Dräger HPS 4300 Comfort, bright yellow, size H2	R 57 380
Dräger HPS 4300 Comfort, bright yellow, size H3	R 57 381
Additional versions – Dräger HPS 4300, available on request (modular assembly)	R 57 387

Paint repair kits

Color, photoluminescent	R 56 559
Color, pure white (RAL 9010)	R 56 539
Color, red (RAL 3000)	R 56 549
Color, black (RAL 9005)	R 56 589
Color, bright yellow (RAL 1026)	R 56 531
Color, zinc yellow (RAL 1018)	R 56 579

TECHNICAL DATA

Dräger HPS 4300

Size:	H2: 48 to 61, H3: 56 to 64, continuously adjustable
Weight:	H2: approx. 950g, H3: approx. 1050g
Outer shell:	GFK = glass fiber reinforced duroplastic, high temperature-resistant, specially SMC pressed, reinforced with aramid fabric
Interior design:	Flame-resistant and washable harness made of Nomex/Aramid, sweatband made of "eco-leather" with padding made of PU foam, hairnet made of polyester
Visors (optional selections):	2 mm polysulfone (amber-tinted), anti-scratch coating on both sides, approved in accordance with EN 443:2008 and EN 14458, with and without gold coating against high IR radiation or 2 mm polycarbonate (clear), various coatings, approved in accordance with EN 166
Thermal resistance:	E2, E3
Radiant heat:	14 kW/m ²
Cold resistance:	up to -40°C
Approvals and tests:	EN 443:2008 - Type A, shipping approvals in accordance with SOLAS and MED
Variants:	Comfort: with edge protection, reflective stripe and goggles loop, Basic: without edge protection, reflective stripe and goggles loop

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