

## Dräger HPS® 3500 Head Protection System

The Dräger HPS® 3500 – a multifunctional and universal helmet for the diverse requirements of rescue teams during search and rescue, forest and bush fire fighting, traffic accidents, rescue from heights, water rescue and any kind of technical assistance.



## Benefits

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### Robustness

Technologically high quality materials offer optimum protection due to high mechanical durability – with very low weight. The extremely robust helmet shell in painted or mass dyed/unpainted version from high quality thermoplastic offers a high level of comprehensive head protection. With its modern design and construction the helmet is ideally suited for forest and large-scale fire fighting (EN 16471:2014), technical assistance (EN 16473:2014), rescue from heights (EN 12492:2012) and water rescue (EN 1385:2012).

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### Optimised wearing comfort

Excellent wearing comfort is achieved through the comfortable interior fitting with 4-point harness including padding of the entire head area. The chin strap is secured with a quick-release buckle and chin piece and can be easily adjusted using hook-and-loop fasteners. The adjusting wheel, which can also be easily reached and operated with gloves, allows adjustment for individual head sizes without having to remove the helmet.

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### Comfortable climate

The Dräger HPS 3500 features a ventilation system ensuring an optimum climate inside the helmet. To prevent water, sparks and metal chips from entering, it can be closed if necessary. The internal helmet components are made from skin-friendly materials which are anti-allergic, sweat-repellent and breathable.

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### Protective goggles

The tight-fitting protective goggles from fire-resistant material supplied with the Dräger HPS 3500 set are approved in accordance with EN 166 and EN 14458. The frame of the goggles is made from polyurethane and combines ergonomic design with excellent wearing comfort. The protective goggles feature passive rear ventilation and are optimally protected against fogging and scratching by the modern, polycarbonate anti-scratch double glazing (Pinlock®-system). The protective goggles can be adapted to the helmet using a silicone strap (included as standard with the HPS 3500 set) or optionally as separate protective goggles with adjustable elastic strap.

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### Comprehensive range of accessories

With a multitude of optional accessories the Dräger HPS 3500 becomes a helmet for various applications. The safe adaptation of visors and ear protection systems to the helmet is made possible by a multifunctional adapter. For the wide range of deployment options special goggles, PC- and wire mesh visors and visors for working on electrical equipment are available. Other accessory components include helmet lamps, ear muffs, neck protection from fire-resistant Nomex® material and various reflective stripes.

Pinlock® is a registered trademark of Pinlock.

Nomex® is a registered trademark of DuPont.

## Accessories



D-5230-2010

### Protective goggles (included in the scope of delivery when ordering Dräger HPS® 3500 set)

Eye protection for helmet wearers (Pinlock®-system)  
Approved according to EN 14458 and EN 166

As alternative option:  
Protective goggles with wide, adjustable elastic strap (without photo)



D-5226-2010

### PC polycarbonate visor

Eye protection for helmet wearers as alternative to the protective goggles  
Approved according to EN 166



D-5226-2010

### Visor for working on electrical equipment

To protect eyes against electric arcs when working on high voltage electrical systems  
Approved according to EN 166



D-5227-2010

### Wire mesh visor

To protect eyes against sparks, e.g. during woodwork  
Approved according to EN 1731

## Accessories



### Ear protection

Easy to adapt, for working in noisy environments  
Approved according to EN 352



### Neck protection

Dutch Shroud version from Nomex® material



### Helmet bag

The helmet bag provides protection during transport, has an inner compartment and a business card pocket. It is made of polyester fabric, is padded with velour and has a reinforced base. The carrying bag is available in two sizes: large for two helmets and accessories or small for one helmet and accessories. The small bag also comes with a removable, adjustable shoulder strap.



### Carrying pouch

For protection and transport of helmet and accessories

## Accessories



D-1131-2010

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### Helmet lamp Dräger PX 1 LED

High-performance helmet lamp with Ex-approval and long-life LED technology.



D-43010-2012

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### Lampholder for Dräger PX1 lamps – Dräger HPS® 3500

Made of high-temperature resistant plastic.



D-37233-2015

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### Lamp holder for UKA4 AA and Peli lamps

Made of high-temperature resistant plastic



ST-13371-2008

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### Anti-fog spray

Anti-fog spray for all visors and protective goggles

## Accessories



### Designer reflective stripes

Self-adhesive heat-resistant material, available in the colours red, yellow and grey/silver

## Related Products



### Dräger HPS® 4500

The Dräger HPS® 4500 is a traditional half-shell helmet with a modern design. Its robust outer shell provides you with excellent protection against impact and extreme heat. With a modern visor design, the helmet has superior wearer comfort due to ergonomic and lightweight internal components. A comprehensive range of accessories make our solution a truly versatile helmet across a variety of applications.



### Dräger HPS® 7000

The Dräger HPS® 7000 firefighter's helmet is in a class of its own, thanks to its innovative, sporty and dynamic design, ergonomic fit and components which make it a multifunctional system solution. It provides optimum protection during every operation.

## Technical Data

### Dräger HPS® 3500

Size	Universal size, freely adjustable for head sizes 52 to 64 cm
Dimensions (W x L x H)	240 x 295 x 193 mm
Weight	Basic version (unpainted/mass dyed): approx. 710 g (±3 %) Premium version painted: approx. 780 g (±3 %)
Outer shell	Polyamide, fibre glass reinforced
Inner helmet components	Flame-resistant and washable 4-point harness, chin strap with hook-and-loop fastener and quick-release buckle, viscose hair net
Ventilation system	Freely adjustable, additionally reinforced with steel mesh
Resistance to cold	Up to -30 °C
Protective goggles	Double glazed (Pinlock®-system) polyurethane goggles with passive rear ventilation and polycarbonate viewing panel, optical class 1B
Helmet approvals	EN 16471:2014 for forest and bush fire fighting EN 16473:2014 for technical rescue EN 12492:2012 climbing helmet for mountaineers/height rescue EN 1385:2012 for water rescue
Protective goggle approvals	EN 166:2004, EN 14458:2004

## Ordering Information

### Helmet in premium design (painted) as set (incl. protective goggles)

Dräger HPS® 3500 set, red	R 62 651
Dräger HPS® 3500 set, white	R 62 652
Dräger HPS® 3500 set, yellow	R 62 653
Dräger HPS® 3500 set, black	R 62 654
Dräger HPS® 3500 set, blue	R 62 655
Dräger HPS® 3500 set, luminescent	R 62 656
Dräger HPS® 3500 set, fluorescent yellow	R 62 657
Dräger HPS® 3500 set, fluorescent orange	R 62 658

### Helmet in premium design (painted) (without protective goggles)

Dräger HPS® 3500, red	R 62 640
Dräger HPS® 3500, white	R 62 641
Dräger HPS® 3500, yellow	R 62 642
Dräger HPS® 3500, black	R 62 643
Dräger HPS® 3500, blue	R 62 644
Dräger HPS® 3500, luminescent	R 62 645
Dräger HPS® 3500, fluorescent yellow	R 62 646
Dräger HPS® 3500, fluorescent orange	R 62 647

### Helmet in basic design (not painted/mass dyed) as set (with protective goggles)

Dräger HPS® 3500 set, red, basic	R 62 659
Dräger HPS® 3500 set, white, basic	R 62 660
Dräger HPS® 3500 set, yellow, basic	R 62 661

### Helmet in basic design (not painted/mass dyed) as set (without protective goggles)

Dräger HPS® 3500, red, basic	R 62 648
Dräger HPS® 3500, white, basic	R 62 649
Dräger HPS® 3500, yellow, basic	R 62 650

## Ordering Information

### Accessories

Protective goggles (with silicone strap)	R 58 424
Protective goggles (with adjustable elastic strap)	R 58 564
Polycarbonate visor Dräger HPS® 3100/3500	R 58 432
Wire mesh visor Dräger HPS® 3100/3500	R 58 431
Visor for work on electrical equipment HPS® 3100/3500	R 58 433
Visor adapter Dräger HPS® 3100/3500 for attaching wire mesh visor and visor for work on electrical equipment (if no ear protection has been adapted)	R 58 561
Ear protection Dräger HPS® 3100/3500	R 58 430
Neck guard Dräger HPS® 3100/3500 Nomex®	R 58 434
Lamp holder for Dräger PX 1 lamp	R 58 566
Lamp holder for UK4AA+Peli lamp	R 62 669
Helmet lamp Dräger PX 1 LED	R 62 350
Reflective stripes Dräger HPS® 3100/3500, red	R 58 426
Reflective stripes Dräger HPS® 3100/3500, yellow	R 58 427
Reflective stripes Dräger HPS® 3100/3500, grey/silver	R 58 428
Helmet pouch (for dust protection and transport)	R 79 282
Helmet bag, small (for transport and storage)	R 58 555
Helmet bag, large (for transport and storage)	R 68 555
Anti-fog spray	R 56 542

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