

Dräger HPS® 3500 Head Protection

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.



Dräger HPS® 3500



Benefits

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).

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 elastic chin cup 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.

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.

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 or QuickConnect mounting.

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-21871-2020

Protective goggles

Eye protection with Pinlock® system, approved according to EN 14458 and EN 166, is available in the following versions:

- Version with silicone strap (included when ordering a Dräger HPS® 3500 sets)
- Version with adjustable elastic band (optional)
- Version with adjustable elastic band and QuickConnect mounting (optional)



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

D-21496-2020



Ear protection

Easy to attach to the helmet, for work in noisy environments, approved according to EN 352-3.

D-10673-2010



Neck protection

Dutch Shroud version from Nomex® material

D-21487-2020



Dräger HPS® 3500 front lamp

Very light high-performance helmet lamp with ATEX Zone 0 approval, various light modes and angles of illumination (optional only for Extend version with front lamp adaptation)

D-21872-2020



Helmet lamps Dräger PX1 and PX1 Shorty LED

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

Accessories

D-21873-2020



Lamp holders for helmet lamps of the series Dräger PX1, UK4 AA and Peli

Made of high temperature resistant plastic

D-35687-2021



Dräger HPS® BuddyLight rear light

This optional LED rear light serves as a warning and indicator light. It is adapted to the back side of the helmet using an adapter with a bayonettype connector and runs on two commercially available coin cell batteries. The lamp has seven modes in three colours (blue, white and red) that are either continuously on/off or flashing.

D-166-2016



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.

D-4376-2014



Carrying pouch

For protection and transport of helmet and accessories

Accessories

ST-13371-2008



Anti-fog spray

Anti-fog spray for all visors and protective goggles

D-10668-2010



Designer reflective stripes

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

Related Products

D-28836-2015



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.

Related Products

D-0427-2019



Dräger HPS® SafeGuard

The Dräger HPS® SafeGuard is the extremely lightweight universal helmet for fire and rescue services. Its innovative design combines optimal protection with the highest levels of wearing comfort. Its sporty look, light weight and tailor-made accessories make the helmet a real all-rounder for any challenge.

D-59562-2012



Dräger HPS® 7000

The multipurpose 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, continuously adjustable for head size 52 to 64 cm, optional for small heads with additional padding for 50/52 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 %) Extend version (painted): approx. 795 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 14458:2018

Ordering Information

Helmet in extend design (painted), with front lamp adaption, without protective goggles

Dräger HPS® 3500 set, red (RAL 3020)	37 00 743
Dräger HPS® 3500 set, white (RAL 9016)	37 00 744

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

Dräger HPS® 3500 set, red (RAL 3020)	R 62 651
Dräger HPS® 3500 set, white (RAL 9016)	R 62 652
Dräger HPS® 3500 set, yellow (RAL 1021)	R 62 653
Dräger HPS® 3500 set, black (RAL 9005)	R 62 654
Dräger HPS® 3500 set, blue (RAL 5026)	R 62 655
Dräger HPS® 3500 set, luminescent	R 62 656
Dräger HPS® 3500 set, fluorescent yellow (RAL 1026)	R 62 657
Dräger HPS® 3500 set, fluorescent orange (RAL 2008)	R 62 658
Dräger HPS® 3500 set, green (RAL 6018)	37 00 647

Helmet in premium design (painted), without protective goggles

Dräger HPS® 3500, red (RAL 3020)	R 62 640
Dräger HPS® 3500, white (RAL 9016)	R 62 641
Dräger HPS® 3500, yellow (RAL 1021)	R 62 642
Dräger HPS® 3500, black (RAL 9005)	R 62 643
Dräger HPS® 3500, blue (RAL 5026)	R 62 644
Dräger HPS® 3500, luminescent	R 62 645
Dräger HPS® 3500, fluorescent yellow (RAL 1026)	R 62 646
Dräger HPS® 3500, fluorescent orange (RAL 2008)	R 62 647
Dräger HPS® 3500, green (RAL 6018)	37 00 646
Dräger HPS® 3500, white aluminium	37 00 727

Ordering Information

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

Dräger HPS® 3500 set, red, basic (RAL 3000)	R 62 659
Dräger HPS® 3500 set, white, basic (RAL 9010)	R 62 660
Dräger HPS® 3500 set, yellow, basic (RAL 1023)	R 62 661

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

Dräger HPS® 3500, red, basic (RAL 3000)	R 62 648
Dräger HPS® 3500, white, basic (RAL 9010)	R 62 649
Dräger HPS® 3500, yellow, basic (RAL 1023)	R 62 650

Accessories

Protective goggles (with silicone strap)	R 58 424
Protective goggles (with adjustable elastic strap)	R 58 564
Protective goggles (with elastic strap and QuickConnect mounting)	37 00 725
Dräger HPS® 3500 head padding for head sizes 50/51	37 00 645
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 CPE 100	37 00 655
Neck guard Dräger HPS® 3100/3500 Nomex®	R 58 434
Dräger HPS® 3500 front lamp including lamp holder	37 00 741
Lamp holder for Dräger HPS® 3500 front lamp	37 00 742
Helmet lamp Dräger PX 1 LED	R 62 350
Lamp holder for Dräger PX 1 lamp	R 58 566
Lamp holder for UK4AA+Peli lamp	R 62 669
Dräger HPS® BuddyLight including helmet adapter	AH 00 457
HPS® BuddyLight helmet adapter	AH 00 456
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