

Dräger HPS® 4500 Head Protection

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.



Benefits

Hard shell

The outer shell is characterised by a robust and resistant design. The combination of high-temperature-resistant Duroplast and latest aramid fabrics protects you both against falling debris and the heat of naked flames. The outer shell, pressed using a special method (SMC* method) provides the HPS® 4500 with exceptional stability. At the same time it is one of the lightest helmets of its class and meets the requirements of the new standard EN 443:2008 – type A (half shell).

High wearing comfort and easy operation

The HPS 4500 features modern and comfortable internal helmet components. The 4-point harness can be adjusted both in the neck area as well as in the temple area via a simple tensioning system. The convenient adjusting wheel allows you to adjust the fit of the helmet even with thick gloves. The integrated hair net allows for height adjustment, and at the same time, ensures a comfortable cool climate inside the helmet. The harness made of fire-resistant Nomex®/aramid fabric and the sweatband made of eco-leather are washable using common detergents.

Heat and scratch resistant visor

The large visor of the HPS 4500 reaches down to the chin area. It is made of thermally high-resistant Polyphenylsulfon material and therefore suitable for interior fire fighting. The visor is approved according to EN 14458 and classified as “face guard”. Therefore the visor provides the greatest possible protection without any interfere in your field of vision. The visor has anti-scratch coating on both sides.

Comprehensive accessories for every challenge

Dräger offers you a wide range of accessories for the most varied applications during fire fighting. You can optimize and individualize your helmet to these various challenges by choosing between numerous versions of neck guards, face protections, helmet lamps and communication systems – all of which can be quickly and easily attached to the HPS 4500.

* SMC (Sheet Molding Compound) – Duroplast, reinforced with aramid fibre cloths; for a higher performance of the entire helmet.

Nomex® is a registered trademark of DuPont.

Parasnap® is a registered trademark of Parat.

Pinlock® is a registered trademark of Pinlock.

Accessories



D-377-2022

Neck protector for Dräger HPS® 4500

Neck protector with plug-and-click system, can be mounted quickly, securely and without tools. Optionally available in the following versions:

- Leather version
- Short tight fitting aramid version
- Aluminised aramid version
- Scarf type version



D-38000-2015

PPSU (Polyphenylsulfon) visors

Approved in accordance with EN 14458 and in combination with HPS® 4500 approved in accordance with EN 443:2008. High temperature resistant and therefore suitable for inner attacks.



D-38001-2015

PC (polycarbonate) visors

Approved in accordance with EN 14458 and in combination with HPS® 4500 for technical rescues in accordance with EN 443:2008.



ST-13387-2008

Metal mesh visor

To protect the eyes against flying shavings, e.g. when working with wood, approved in accordance with EN 1731.

Accessories



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 and EN 172.



D-4303-2021

Safety goggles Dräger X-pect 4800 HPS

Length adjustable elastic strap, with double lens acetate / polycarbonate premium anti-fog and anti-scratch coating. Including clips for secure fixation of the goggles to the helmet shell.
Approvals: EN 166; ANSI Z87.1; AUS/NZ 1337; CSA Z94.3



D-21872-2020-D-44789-2015

Standard helmet lamps Dräger PX1, PX1 SHORTY and PX2

These optional explosion-proof helmet lamps with LED technology provide optimal illumination of your extended working area. They can be attached to the right- and/or left-hand side of the helmet using a separate lamp adapter and run on commercially available batteries. Different lamp adapters are available for other standard helmet lamps.



D-35667-2021

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 bayonet-type 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.

Accessories



D-2252-2015

Universal lamp holder, base

Helmet-mounted base part for connecting the plug-in adapters of the Parasnap® magnetic lamp holder solution or the lamp holders for large or small lamps of the standard plug-in solution.



D-378-2022

PARASNAP® Adapter solution

Magnetic adapter solution for easy, intuitive and very secure connection of standard helmet lamps on the right and/or left side of the helmet – even during use without taking off the helmet – one "click" and the lamp is attached to the helmet. The light angle can be easily adjusted as well. The three-part system consists of a universal lamp holder, a PARASNAP® plug-in adapter and a PARASNAP® lamp holder.



D-30481-2017

Standard plug-in adapters for universal lamp holder

Plug-in adapter for small round shaped lamps (e.g. PX 2) and for large oval shaped lamps (e.g. PX 1). The swivel joint allows swiveling of the helmet lamp in almost any direction.



D-8105-2022

HPS COM adapter for connecting the Dräger HPS®-COM

The HPS-COM adapter allows the connection of the helmet communication unit Dräger HPS-COM to the firefighter helmets of the Dräger HPS 4500 series. This adapter can be installed very easily and without tools in just a few steps. The Nexus plug at the end of the cable of the helmet communication unit can be plugged into a holder on the adapter when not in use. Thereby it is always at hand and at the same time protected from dirt and mechanical damage.

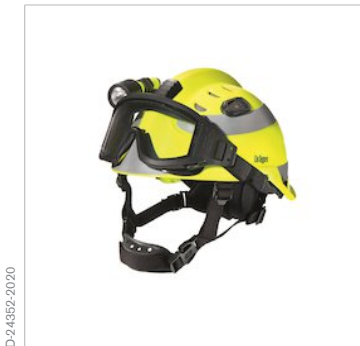
Accessories



Hearing protection – Ear muffs

To wear under the helmet.
Approved according to EN 352.

Related Products



Dräger HPS® 3500

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® 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.

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.

Technical Data

Size	H2: 48 to 61 cm, H3: 56 to 64 cm, freely adjustable
Weight	H2: 995 g +/-5%, H3: 1,060g +/-5%
Outer shell	GRP = Glass fibre reinforced duroplastic, high-temperature resistant, specially reinforced with aramid fabric
Inner helmet components	Flame-resistant and washable harness made of Nomex®/aramid, eco-leather sweatband with PU foam padding, polyester hair net
Visors (optionally available)	2 mm Polyphenylsulfon (amber), anti-scratch coating on both sides, approved according to EN 443:2008 and EN 14458:2018, or 2 mm polycarbonate (clear), approved according to EN 14458:2018
Insulation resistance	E2, E3
Radiant heat	14 kW/m ²
Resistance to cold	up to -40 °C
Approvals and tests	EN 443:2008 – type A, shipping approvals according to SOLAS and MED

Ordering Information

Helmet – with reflective strip, edge protection and loop for safety goggles

Dräger HPS® 4500, luminescent, size H2	R 62 451
Dräger HPS® 4500, luminescent, size H3	R 62 452
Dräger HPS® 4500, white, size H2	R 62 453
Dräger HPS® 4500, white, size H3	R 62 454
Dräger HPS® 4500, red, size H2	R 62 455
Dräger HPS® 4500, red, size H3	R 62 456
Dräger HPS® 4500, black, size H2	R 62 457
Dräger HPS® 4500, black, size H3	R 62 458
Dräger HPS® 4500, fluorescent yellow, size H2	R 62 459
Dräger HPS® 4500, fluorescent yellow, size H3	R 62 460

Accessories

Eye protection

Visor HPS® 4500-PC AS/AS, size H2	R 62 494
Visor HPS® 4500-PC AS/AS, size H3	R 62 495
Visor HPS® 4500-PPSU AS/AS, size H2	R 62 496
Visor HPS® 4500-PPSU AS/AS, size H3	R 62 497
Visor for working on electrical equipment	R 56 187
Wire mesh visor	R 56 188
Adapter to attach visor for working on electrical equipment and wire mesh visor	R 62 448
Safety goggles Dräger X-pect 4800 HPS	37 17 300
Helmet clips for safety goggles X-pect 4800 HPS® (4 pieces)	37 17 303

Neck protector

Neck protector, Nomex® short	R 56 620
Neck protector aluminium/Nomex®	R 56 622
Neck protector Nomex®, Belgian version (shell version), 4 layers	R 56 621
Neck protector, wool, Dutch shroud	R 56 623
Neck protector Nomex®, Dutch shroud version (shell version), 3 layers	R 58 015

Ordering Information

Leather neck protector	R 57 405
Helmet lamps	
Helmet lamp Dräger PX 1 LED	R 62 350
Helmet lamp Dräger PX 2 LED	R 62 352
Helmet lamp Dräger PX1 SHORTY LED	37 01 450
Rear light Dräger HPS® BuddyLight	AH00457
HPS® 4500 univ. lamp holder, base	R 62 991
In combination with standard plug-in adaptor:	
HPS® 4300/4500 univ. lamp holder, small lamps, diameter 12,5 to 15 mm (like PX2)	R 62 358
HPS® 4300/4500 univ. lamp holder, bigger lamps (like PX1)	R 62 359
In combination with PARASNAP® magnetic adapter solution:	
PARASNAP® plug-in adapter, right	R 62 672
PARASNAP® plug-in adapter, left	R 62 671
Lamp holder Parasnap® for lamp PX 1	R 62 355
Lamp holder Parasnap® for lamp PX 2	R 62 357
Additional accessories	
Ear muffs	R 56 186
Adapter HPS-COM for HPS® 4500	37 20 032
Adapter ring to adapt a Dräger communication system	R 56 828
Helmet carrying bag for transport and storage of up to two helmets and accessories	R 58 555
Helmet carrying bag for transport and storage of 1 helmet and accessories	R 68 555
Helmet bag	R 79 282
Paint repair kit for all above-mentioned helmet colours	upon request

Notes

Not all products, features, or services are for sale in all countries.
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