

Dräger HPS® 4500 Head Protection System

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

ST-13375-2008



Neck guard Aluminium/Nomex®

Aluminium-coated with back made of Nomex® III.

ST-13374-2008



Neck guard Nomex® long, Belgium version

Four-layer, highquality Nomex®/Aramid fabric, anti-static, specifically for inside attack, resistant to many acids and bases.

ST-13376-2008



Neck guard Wool long, Dutch-type

100% wool, oil- and waterrepellant, flame-retardant, edged at bottom with Nomex® III.

ST-13373-2008



Neck guard Nomex® short

Short and tight, Nomex® with fluorcarbon.

Accessories



D-15175-2010

Neck guard Nomex® long, Dutch-type

Three-layer highquality Nomex® fabric.



D-12259-2009

Neck guard Leather

Good mechanical protection against embers, ash, etc.



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.

Accessories

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.

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.

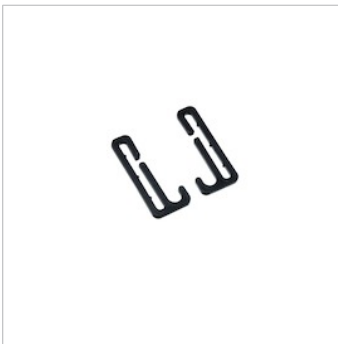
D-43009-2012



Safety goggles

With elastic strap in Pinlock®-technology, antifog coating, approved in accordance with EN 166 / EN 14458.

D-12132-2016



Retaining clip for safety goggles

Mounting system for secure fixation of goggles on the helmet shell

Accessories

D-1131-2010



Helmet lamp Dräger PX 1 LED

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

D-37243-2015



Helmet lamp Dräger PX2 LED

High-performance lamp with new LED technology.

D-2252-2015



Universal lamp holder, base

Base part mounted on the helmet for inserting the tabs of the Parasnap® lamp connection or the universal lamp holder for large or small lamps

D-37234-2015



Parasnap® helmet attachment for PX1 and PX2 lampholders

Easy and self-explaining lamp adaption with patented Parasnap® magnetic adaption.

Accessories

D-37240-2015



Lampholder for Dräger PX1 lamps – Dräger HPS® 4500

Made of high-temperature resistant plastic.

D-37242-2015



Lampholder for Dräger PX2 lamps

Made of high-temperature resistant plastic.

D-30481-2017



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.

ST-15192-2008



Adapter ring for Savox-Coms

For adapting a communication system.

Accessories

ST-13365-2008



Hearing protection – Ear muffs

To wear under the helmet.

Approved according to EN 352.

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.

Related Products

D-28816-2015



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.

Related Products



D-59562-2012

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

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 14458:2004, or 2 mm polycarbonate (clear), approved according to EN 14458:2004
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
Protective goggles	R 56 076
Protective goggles with elastic strap, fixed	R 58 563
HPS® retaining clip for safety goggles	R 62 678

Neck guard

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

Ordering Information

3 layers

Leather neck guard	R 57 405
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Helmet lamps

Helmet lamp Dräger PX 1 LED	R 62 350
Helmet lamp Dräger PX 2 LED	R 62 352
Helmet lamp holder Parasnap® for lamp PX1	R 62 355
Helmet lamp holder for Parasnap® lamp PX 2	R 62 357
Parasnap® plug-in adapter, left	R 62 671
Parasnap® plug-in adapter, right	R 62 672
HPS® 4500 universal lamp holder, base	R 62 991
HPS® 4300/4500 universal lamp holder, small lamps, diameter 12,5 – 15 mm	R 62 358
HPS® 4300/4500 universal lamp holder, big lamps	R 62 359

Additional accessories

Ear muffs	R 56 186
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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