Dräger HPS® SafeGuard AS/NZS
Fire and rescue helmet

The Dräger HPS® SafeGuard AS/NZS 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.



HPS FlashLight helmet lamp (optional)
Integrated 3W high-performance lamp with LED technology

Front plate
Matt back with reflective label

Communication systems adapter (optional)
For connectivity to different communication systems, such as the Dräger HPS®-COM

Helmet shell
Produced with high-temperature resistant composite material

Lamp holder (optional)
Attachment of a standard helmet lamp on the left or right side

Interior fitting
Made with washable, skin-friendly materials

Dräger. Technology for Life®

Dräger HPS® SafeGuard AS/NZS



Face guard
Integrated, multi-coated, optical class 1 in different versions

Eye guard (optional)
Integrated, multi-coated, optical class 1 in different versions

Neck and ear cover
Optimal protection in the neck and ear area

HPS BuddyLight (optional)
3-colour LED with different modes

Reflective stripes
For good visability in poor conditions

Adjustment wheel
Head size adjustment from outside

Benefits

USABILITY

Optimal wearing comfort
Weighing just around 1.4 kg in its basic configuration, the Dräger HPS SafeGuard AS/NZS is one of the lightest helmets in its class. Its innovative design also ensures optimal weight distribution of the fire and rescue helmet. These two factors combined offer you the best possible wearing comfort and the perfect fit for all types of movement – even when crawling. The helmet is characterised by its advantageous weight distribution and the excellent climate characteristics: The excellent thermal insulation helps to protect you when fighting fires, while guaranteeing a balanced climate inside the helmet even during longer rescue missions without respiratory protection.

Ready for every challenge
The multifunctional and sporty design of this compact helmet offers you exceptional protection, without limiting your movements or perception: vital senses such as sight, hearing and sensitivity to heat are not impaired, while at the same time all essential parts of the head are protected. A combination of aesthetic and functional elements makes the helmet attractive as well as safe. Examples include the integration of the lighting and communication systems, and the numerous configuration options and customisation markings available for each helmet. These make it easy to visually identify the role and function of each person.

Quick and easy helmet adjustment
One size fits all - the protective helmet covers a wide range of individual head sizes from 50 to 67 cm. You can adjust the helmet to your head size in just a few simple steps: The chin and neck strap are quick and easy to adjust. In addition, the adjustment wheel on the back of the helmet is particularly easy to access.

SAFETY+

A helmet for all situations
Thanks to its universal design, you can make perfect use of the helmet for all key applications required in fire and rescue services. The special endurance testing conducted by Dräger also means that you can rely on the multifunctional helmet to consistently deliver a high degree of safety, reliability and quality. With its fully integrated, highest optical quality visors, your face and eyes are perfectly protected. Moreover, the additional multi-coating feature prevents it from fogging and scratching. A gold coating not only provides the best possible protection against radiant heat but also gives the helmet a stylish look.

For better visibility
The helmet is available in a wide range of colours. For the best possible protection in conditions of poor visibility, the helmet is equipped with reflective stripes, making it easily identifiable day or night. The HPS BuddyLight on the back of the helmet provides additional safety - it ensures that you can be immediately recognisable from behind even in conditions of poor visibility. You can use the individual lighting solutions to illuminate your immediate workspace as needed: our integrated, explosion-proof helmet lamps can be fitted at the front or side and can be handled hands-free.

Benefits

SERVICEABILITY

Lots of options – easily fitted
For your convenience, the construction of the helmet has been streamlined to just a small number of main components, thereby simplifying the spare-parts logistics. You can easily and intuitively attach individual parts and accessories. You don't need any tools to replace the parts. All electronic accessory components can be powered using standard commercial batteries. In addition, RFID transponders and barcode technology also support your logistics processes.

Straightforward cleaning and maintenance
Whether manually or mechanically - you can use any common cleaning process on this protective helmet without any problems. In addition, the simple and tool-free removal of just four component parts makes for quick and effective cleaning of some or all parts of the helmet.

CONNECTIVITY

Unhindered communication
Thanks to the helmet shell's special design, your ears remain uncovered. For you this translates to improved communication with your team, that is being able to hear and speak to them clearly. Even the perception of background noises is flawless.

Optional integrated communication system
In addition, the integrated Dräger HPS-COM helmet communication unit provides reliable support for radio communication. Alongside its excellent voice quality, its stand-out features include a robust, compact design and easy installation.

Optional integrated thermal imaging camera system
Furthermore, using a hands-free thermal imaging camera, you are enabled to gain a permanent view of your immediate surroundings, even in the most challenging conditions. The system integrated Dräger UCF® FireCore allows you to orientate more quickly and safely, while also improving your situational awareness.

Dräger HPS® SafeGuard universal interface

	 Functional plate >Extend<	
Option to adapt standard helmet lamps (PX series or Adaro)	✓	
Option for adaptation of COM plug protection	✓	
Option to attach an action camera	✓	
Option to attach a thermal imaging camera	✓	

Dräger HPS® SafeGuard colour options


Red
(RAL 3000)


White Aluminium
(RAL 9006)


Pure White
(RAL 9010)


Black
(RAL 9005)


Yellow Green
(RAL 6018)


Signal Blue
(RAL 5005)


Luminescent
(similar to RAL 110)


Fluorescent Orange
(RAL 2005)


Fluorescent Yellow
(RAL 1026)


Luminescent Yellow
(similar to RAL 1016)


Zinc yellow
(RAL 1018)

System Components



D-13666-2010

Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask series ensures high safety and wearing comfort. The modern design offers a large, optimized field of vision, while the availability of different sizes ensures the mask fits comfortably and securely. The full-face mask is available with different connections and wearing systems.



D-1552-2022

Dräger UCF® FireCore

The Dräger UCF® FireCore hands-free thermal imaging camera gives you a permanent vision of your immediate surroundings, even under the toughest conditions. That allows you to orientate yourself more quickly and safely, while also improving your situational awareness.

Accessories



D-7581-2023

Neck and ear cover

The neck and ear cover is made of extremely flame retardant Nomex® material. Due to its special design it offers high wearing comfort and good protection of the neck and ear area against mechanical and thermal impact. Though the plug-and-click system it can be mounted to the helmet quickly, securely and without tools.

Nomex® is a registered trademark of the company DuPont.



D-31641-2020

Integrated helmet lamp Dräger HPS® FlashLight

This optional LED helmet lamp is lightweight, explosion-proof and specially designed for use in fire fighting operation. It is integrated in the helmet design and provides comprehensive illumination of your direct working area. It is centrally positioned on the front plate and has an effective glare shield. The 3W high-performance Power LED has four modes and three lighting levels (bright, dimmed, flashing, off), and runs on two commercially available AA batteries. A function and battery test is integrated and the battery status is displayed during use.



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-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 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-8544-2019

Integrated helmet communication unit Dräger HPS®-COM

This optional communication unit is explosion-proof, sturdy yet lightweight, and can be adapted to inside the helmet without tools. It delivers excellent audio performance thanks to state-of-the-art technology. You can choose between different microphone options, suiting a wide range of operational scenarios.



D-31629-2020

Face guard

The integrated, ergonomic Apec® visor offers reliable protection from extreme heat, particles and liquid chemicals. It is made to fit a wide range of individual face sizes and shapes, including those of individuals who wear corrective spectacles. The visor is an integral part of every helmet. It offers the best optical quality (optical class 1) and can be continuously swivelled up and down smoothly. The visor is available in two versions: clear and gold (R1). All versions have a permanent anti-scratch coating on the outside and an permanent anti-fog coating on the inside.



D-31628-2020

Eye guard

This optional available, integrated Apec® eye guard can be operated easily and safely with or without fire fighting gloves thanks to two designated grip areas on the sides.
It is available in two versions: clear and tinted. Both versions have an permanent anti-scratch coating on the outside and an permanent anti-fog coating on the inside.

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.

Technical Data

Dräger HPS® SafeGuard AS/NZS	
Size	One-size-fits-all; can be continuously adjusted to fit head sizes 50 – 67 cm using the external adjusting wheel
Weight	HPS SafeGuard AS/NZS: approx. 1.440 g (+/-5%) in basic version with face guard, neck and ear cover
Helmet shell	Helmet shell made of composite material consisting of glass-fibre reinforced plastic (PA-GF), high temperature resistant, with circumferential helmet shell end rail
Helmet shell colours	yellow green (RAL 6018) fluorescent yellow (RAL 1026) fluorescent orange (RAL 2005) luminescent (similar to RAL 110) luminescent yellow (similar to RAL 1016) red (RAL 3000) signal blue (RAL 5005) black (RAL 9005) pure white (RAL 9010) white aluminium (RAL 9006) zinc yellow (RAL 1018)
Customised marking and labelling	Reflective strips made of 3M™ Scotchlite™ 8987 flame resistant fabric. Additional reflective and design strips as well as functional markings made of thermally resistant, highly flexible, long-lasting and retro-reflective Scotchlite™ series 580 reflective tape from 3M, available in different colours
Shock absorption system	Consisting of a lateral rigid foam element made of two-components polyurethane (PUR) reinforced with aramid fabric and a soft foam element at the crown and in combination with textile crown straps and a shock absorption pad.
Interior design	Consisting of flame-resistant and washable three-point harness with adjustable chin and neck strap made of Nomex®, carrier ring and adjustment system using continuous variable gear with padding from eco-leather, optional upgradeable with HPS SafeGuard COM holder for use with a helmet communication unit (e.g. Dräger HPS-COM)
Face guard	Made of high temperature resistant Apec® material, approved in accordance with EN 14458:2018 and AS/NZS 1337.1; with highest optical quality (optical class 1), continuously swivelling up and down; multiple coatings (permanent anti-fog coating inside and anti-scratch coating outside) Alternatively available in versions: – clear – gold (with radiant heat protection level R1)
Eye guard (optional)	Made of high temperature resistant Apec® material, approved in accordance with EN 14458:2018, with highest optical quality (optical class 1), continuously swivelling up and down, multiple coatings (permanent anti-fog coating inside and anti-scratch coating outside) Alternatively available in versions: – clear – tinted

Technical Data

Helmet approvals	AS/NZS 4067:2012 Protective helmets for structural firefighting

Integrated helmet lamp HPS® FlashLight

Material	Glass-fibre-reinforced plastic (PA-GF), high temperature resistant
Dimensions	Approx. 55 mm × 43 mm × 105 mm (W × H × L)
Weight	With batteries: approx. 125 g, without batteries: approx. 80 g
Light technology	Power LED
	Lighting level 1: approx. 43 Lm
	Lighting level 2: approx. 25 Lm
	Lighting level 3: flashing light alternating between 43 Lm and 0 Lm
Operation time	Lighting level 1: approx. 5 hours
	Lighting level 2: approx. 11 hours
	Lighting level 3: approx. 10 hours
Energy supply	2 AA/LR6/MN1500 alkaline batteries Intelligent battery management system
Protection class	IP67
HPS® FlashLight approvals	IECEx: Ex ib IIC T4/T3 Gb
	ATEX: II 2G Ex ib IIC T4/T3 Gb

HPS® BuddyLight rear light

Rear light material	Lower part of housing including battery cover: Co-polymer, temperature-resistant
	Upper part of housing: Apec®, temperature-resistant
Weight	With batteries: approx. 26 g
Dimensions	50 mm x 41 mm x 16 mm (L × W × H)
Light technology	6 LEDs
	Continuous light, in the following colours: – blue, red, white Flashing light, in the following colours: – blue, red, white, blue/red
Operation time	Up to 10 hours in single-colour flashing mode, up to 5 hours in continuous light mode or two-colour flashing mode
Energy supply	Two CR2032 lithium coin cells
Protection class	IP54

Scotchlite™ is trademark of 3M.
Apec® is a registered trademark of the company Covestro AG.

Ordering Information

	Order number
Dräger HPS® SafeGuard AS/NZS with 3-point-harness including cheek padding in size L, with crown straps and shock absorption pad, with clear AS/AF face guard, with lateral function plates for adapting optional accessories, with neck and ear cover, with textile hook, with yellow reflective strip on the front plate and on the back	
Dräger HPS® SafeGuard AS/NZS red	37 24 560
Dräger HPS® SafeGuard AS/NZS black	37 24 561
Dräger HPS® SafeGuard AS/NZS fluorescent yellow	37 24 562
Dräger HPS® SafeGuard AS/NZS white	37 24 563
Other versions of the Dräger HPS® SafeGuard AS/NZS and customer individual configurations of the helmet available via configurator part number	
Dräger HPS® SafeGuard AS/NZS (configurator)	37 01 703

Accessories/spare parts	
Harness	
HPS® SafeGuard Extend harness size M	37 01 660
HPS® SafeGuard Extend harness size L	37 01 665
Neck protector	
HPS® SafeGuard neck and ear cover	37 02 761
Face and eye protection	
HPS® SafeGuard face guard, clear AS/AF	37 01 542
HPS® SafeGuard face guard, Gold-R1 AS/AF	37 01 543
HPS® SafeGuard eye guard, clear AS/AF	37 22 861
HPS® SafeGuard eye guard, tinted AS/AF	37 22 862

Lighting solutions and adapters	
Dräger HPS® FlashLight	R 79 013
Dräger PX1 helmet lamp	R 62 350
Dräger PX1 SHORTY helmet lamp	37 01 450
Dräger PX2 helmet lamp	R 62 352
Lamp holder for PX1 series helmet lamps	R 79 129
PARASNAP® helmet adapter	37 20 149
PARASNAP® lamp holder, PX1 series (for large lamps)	R 62 355
PARASNAP® lamp holder, PX2 series (for small lamps)	R 62 357
Dräger HPS® BuddyLight including helmet adapter	AH 00 457
Helmet adapter for HPS® BuddyLight	AH 00 456

PARASNAP® is a registered trademark of the company PARAT GmbH + Co. KG.

Ordering Information

Helmet communication units and adapters	
Dräger HPS®-COM Boom Mic (long boom microphone)	37 03 820
Dräger HPS®-COM Short Boom Mic (short boom microphone)	37 03 821
Dräger HPS®-COM Throat Mic (throat microphone)	37 03 823
HPS® SafeGuard COM holder, right	37 01 642
HPS® SafeGuard COM holder, left	37 01 643
HPS®-COM plug protector	R 80 042

Customised marking and labelling	
HPS SafeGuard reflective strip, back yellow	37 24 523
HPS SafeGuard reflective front plate label yellow	37 24 522
other reflective marking and labelling options upon request	

Miscellaneous	
HPS SafeGuard textile hook	37 24 501
HPS® SafeGuard spacer (for small heads, to change the helmet's centre of gravity and increase the space between the face and the visors	37 01 522
RFID transponder	33 62 617
Barcode label 22 x 8 mm	AG 02 551
Barcode label 30 x 13 mm	AG 02 395
Helmet bag, large	R 58 555
Helmet bag, small	R 68 555
Helmet pouch	R 79 282
Helmet protection cover (for training purposes)	R 79 279
Washing bag (for machine cleaning)	65 70 003

ADALIT® is a registered trademark of the company LaCont Umwelttechnik GmbH.

Notes

Notes

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

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