

Dräger X-plore® 8000 Helmets and Head Pieces for PAPR

The Dräger X-plore® 8000 headpieces offer integrated respiratory protection which can be combined with various components and accessories to provide protection for head, eye, face and ears. With our portfolio of helmets, bump cap and hoods the X-plore® 8000 system can be customized to best fit your application and provide the safety and comfort needed.

X-plore 8000 Helmet with visor

Adjustable air outlet

To direct airflow for personal level of comfort

Optimal comfort

The helmet has three components to provide safety: outer shell, foam padding and inner liner. The design offers even weight distribution.

Wide field of view

Large panoramic visor allows larger viewing area and better peripheral vision. Anti-fog and anti-scratch coating ensures durability.

Flip up visor

Allows user to open the front of the helmet when required



Customised fit

The head suspension ratchet can be tightened for snug fit

Headpiece attachments

Several attachments to choose from to provide the required level of protection

Guided air

Even airflow inside head pieces offers comfort and avoids fatigue

Dräger X-plore® 8000 Helmet/Bump cap combination

The X-plore 8000 helmet or bump cap provides a platform to hold the hood in place allowing for one cohesive headpiece to turn with the user's head.

Optimal comfort

Ergonomically designed helmet and bump cap eliminates pressure points and provides even weight distribution



Adjustable air outlet

To direct airflow for personal level of comfort

Hood combination

The hood is an attachment worn over the helmet or bump cap



Customised fit

The head suspension ratchet can be tightened for snug fit

Chemical protection

Hood material made from Tychem® 2000 or 4000 (also includes taped seams), PETG visor

Stability

Helmet and bump cap provide a stable frame to hold in place the hood and visor

Benefits

The Dräger X-plore® 8000 system: Designed for compatibility

Workplace environments that compromise the quality of air you breathe demand reliable solutions. The Dräger X-plore 8000 PAPR offers a new level of intuitive handling combined with intelligent electronics.

The X-plore® 8500 can be combined with headpieces such as a helmet, helmet/bump cap combination or X-plore mask. A wide variety of components and accessories allow customization of the system to fit several different application needs.

Dräger X-plore 8000 helmets: Tough on the job

Robust and versatile, with a modern design: X-plore 8000 helmets are made for use in harsh environments. The helmet provides protection for head, face and eyes. Face seals are available in different lengths and materials.

In applications where chemical protection is required, Dräger offers helmet or bump cap with hoods. The helmet/bump cap combination provides a stable platform for the hood.

Easy and comfortable

The headpieces, blower unit and other system components can be easily and intuitively assembled. The airflow inside the headpiece can be adjusted to personal comfort. The structure of the helmet allows for even weight distribution while offering the required level of protection.

For optimal vision on the job, the headpieces have a panoramic visor. An anti-fog and anti-scratch coating allow the headpieces to withstand harsh environments. These headpieces can be combined with hearing protection.

Headpiece

Dräger X-plore 8000 helmet with visor

Several face seal options are available to combine with the helmet: Zytac® and Tychem® material in neck, chin and shoulder seals.

Dräger X-plore 8000 helmet/bump cap and hood combination

The hoods are an attachment for the helmet or bump cap. The Tychem® hoods, provide protection in chemical environments. The hoods are available in Tychem® 2000 and Tychem® 4000 material. The Tychem® 4000 provides a higher level of protection. Refer to permeation data sheets for selection of hoods.

Details

For the Dräger helmet there are various seal attachments. These seals come in different lengths: neck, chin and shoulder. These seals are available in Zytec® (Grey color material) and Tychem® (white colored material).



D-24441-2020

X-plore 8000 seals for helmet

Zytec®: For abrasive environments the Zytec® material is durable and provides protection, comfort and performance. The material is fire and chemical resistant.



D-24205-2020

Dräger X-plore® 8000 Helmet with visor L1Z



D-24220-2020

Dräger X-plore® 8000 Helmet with visor L2Z



D-24409-2020

Dräger X-plore® 8000 Helmet with visor L3Z

Tychem®: For applications requiring protection from chemicals, liquids and vapors, the Tychem® neck seal or shoulder shroud.



D-24280-2020

Dräger X-plore® 8000 Helmet with visor L2T2



D-24282-2020

Dräger X-plore® 8000 Helmet with visor L3T4



D-24282-2020

Dräger X-plore® 8000 Helmet/Bump cap with Tychem® hood

System Components



D-118978-2013

Dräger X-plore® 8500

The Dräger X-plore® 8500 is robust and intuitive. Combined with intelligent electronics, the system offers safety and durability. The system does not need calibration or daily flow check. It is easy to clean and maintain.



D-38277-2015

Dräger X-plore® 8000 Breathing Hoses

The Dräger X-plore® 8000 system offers three different breathing hoses to match your headgear. Hoses are also available as standard or flexible versions.



D-119049-2013

Dräger X-plore® 8000 Belt

Three belt versions (each with an optional belt extension) are available for the Dräger X-plore® 8000 series: a standard belt, a decon belt and a welding belt.



D-38278-2015

Dräger X-plore® 8000 Filter

The Dräger X-plore® 8000 filter series offers an extensive choice of filter types for all essential application fields and protects against a number of gases and vapors.

System Components



D-118937-2013

Dräger X-plore® 8000 Charger

The Dräger X-plore® 8000 charging system can charge an empty battery in approximately 3 hours. The battery will be at least 80% charged after 2 hours.



D-118086-2013

Dräger X-plore® 8000 Batteries

Lithium-ion battery for Dräger X-plore® 8000

Accessories



Dräger X-plore 8000 Ear muffs

The ear muffs provide noise protection. Rating ANSI S3.19



Protective cover Dräger X-plore® 8000 Hood for helmet

This protective cover for the hoods protects the hood visor from scratches and extends the visor life.



Protective cover Dräger X-plore® 8000 Helmet with visor

This protective cover for the helmet protects the hood visor from scratches and extends the visor life.

Related Products



D-25013-2020

Dräger X-plore® 8000 Hoods

Dräger X-plore® 8000 hoods offer additional options to customize the Dräger X-plore® 8000 powered air-purifying respirator system for applications requiring the use of ambient air. They provide lightweight, comfortable respiratory protection combined with the highest protection category for loose-fitting headpieces.



ST-7497-2005

Dräger X-plore® 6300

The Dräger X-plore® 6300 is an efficient, low-cost full face breathing mask intended for price-conscious users not wishing to compromise comfort or quality. This full face mask is the successor to the Panorama Nova Standard, a mask which has proven itself over decades of use worldwide—redesigned and improved with fresh colors and an integrated bar code.

Technical Data

Model	Dräger X-plore® 8000 Helmet with visor		Dräger X-plore® 8000 Helmet-/Bump-Cap-Hood-Combination	
	Zytec®	Tychem®	Helmet-Hood-Combination	Bump-Cap-Hood-Combination
Length – Helmet seal	Short (L1Z), middle (L2Z), long (L3Z)	Middle (L2T2), long (L2T4)	Long	Long
Material – Helmet seal	Zytec® FR	Tychem® 2000 / Tychem® 4000	Tychem® 2000 / Tychem® 4000	Tychem® 2000 / Tychem® 4000
Material – Visor	PC	PC	PETG	PETG
Material – Helmet	PA	PA	PA	PA
Material – Visor frame	ABS	ABS	ABS	ABS
Material – Comfort padding	Foam material (EVA) with Lycra	Foam material (EVA) with Lycra	Foam material (EVA) with Lycra	Foam material (EVA) with Lycra
Material – Rigid foam shell	PS	PS	PS	PS
Visor size	10.2" x 6.6"	10.2" x 6.6"	11.8" x 9"	11.8" x 9"
Temperature range (operation)	23 °F to 122 °F	23 °F to 122 °F	23 °F to 122 °F	23 °F to 122 °F
Head harness	Ratchet, adjustable (8.3" – 9.4")	Ratchet, adjustable (8.3" – 9.4")	Ratchet, adjustable (8.3" – 9.4")	Ratchet, adjustable (8.3" – 9.4")
Air inlet	Hose connector at the back	Hose connector at the back	Hose connector at the back	Hose connector at the back
Air distribution	Air duct over the head, adjustable at the outlet	Air duct over the head, adjustable at the outlet	Air duct over the head, adjustable at the outlet	Air duct over the head, adjustable at the outlet
Air outlet	Permeable, width-adjustable textile cuff in the chin/neck area	Permeable, width-adjustable textile cuff in the chin/neck area	Permeable, width-adjustable textile cuff in the chin/neck area	Permeable, width-adjustable textile cuff in the chin/neck area
Color	Grey (Helmet seal: grey)	Grey (Helmet seal: white)	Grey (Hood: white)	Grey (Hood: white)
Weight	L1Z: 2 lbs L2Z: 2.2 lbs L3Z: 2.5 lbs	L2T2: 2.1 lbs L3T4: 2.1 lbs	with hood T2: 1.7 lbs with hood T4: 1.9 lbs	with hood T2: 1.5 lbs with hood T4: 1.7 lbs
Max. storage	5 years	5 years	5 years	5 years
Max. usage	3 years	3 years	3 years	3 years
Approval – Respiratory protection	With X-plore® 8500: EN 12941 – class TH3 (L2Z/L3Z)/ TH1 (L1Z) With X-plore® 9300: EN 14594 – class 4A (L1Z/ L2Z)/ 3B (L3Z)	With X-plore® 8500: EN 12941 – class TH3 With X-plore® 9300: EN 14594 – class 4A	With X-plore® 8500: EN 12941 – class TH3 With X-plore® 9300: EN 14594 – class 4A	With X-plore® 8500: EN 12941 – class TH3 With X-plore® 9300: EN 14594 – class 4A
Approval – Head protection	EN 397 (-30 °C LD MM 440V a.c.) ANSI Z89.1 (Type 1 Class G)	EN 397 (-30 °C LD MM 440V a.c.) ANSI Z89.1 (Type 1 Class G)	EN 397 (-30 °C LD) ANSI Z89.1 (Type 1 Class G)	EN 812
Approval – Eye protection	1 BT 9 3 – EN 166 ANSI Z87+	1 BT 9 3 – EN 166 ANSI Z87+	2 F 3 – EN 166 ¹	2 F 3 – EN 166 ¹

¹ Meets the technical requirements, certification pending

Technical Data

Earmuffs*

Damping value**	SNR: 33 dB H: 37 dB M: 30 dB L: 23 dB
Material – Capsule (outside)	ABS
Material – Padding	Foam material (EVA)
Material – Mounting hook	Metal
Weight	0.48 lbs
Size	Universal size
Approval	EN 352-3, ANSI S3.19

* for mounting on the helmet

** SNR = Single Number Rating (the average damping of a hearing protector and thus the average protective effect against the noise).

H = Damping value high frequencies

M = Damping value middle frequencies

L = Damping value low frequencies

Ordering Information

Dräger X-plore® Head pieces

Dräger X-plore® 8000 Helmet PC visor L1Z	37 10 775
Dräger X-plore® 8000 Helmet PC visor L2Z	37 10 780
Dräger X-plore® 8000 Helmet PC visor L3Z	37 10 785
Dräger X-plore® 8000 Helmet PC visor L2T2	37 10 790
Dräger X-plore® 8000 Helmet PC visor L3T4	37 10 795
Dräger X-plore® 8000 Helmet for hood	37 10 800
Dräger X-plore® 8000 Bump cap for hood	37 10 805

Accessories

Dräger X-plore® 8000 Hood for helmet, T4	37 10 774
Dräger X-plore® 8000 Hood for helmet, T2	37 10 776
Dräger X-plore® 8000 Earmuffs	37 10 777
Protective cover Dräger X-plore® 8000 Hood for helmet	37 10 778
Protective cover Dräger X-plore® 8000 Helmet with visor	37 10 779

Spare parts

Dräger X-plore® 8000 Helmet seal L1Z	37 10 781
Dräger X-plore® 8000 Helmet seal L2Z	37 10 782
Dräger X-plore® 8000 Helmet seal L3Z	37 10 783
Dräger X-plore® 8000 Helmet seal L2T2	37 10 784
Dräger X-plore® 8000 Helmet seal L3T4	37 10 786
Dräger X-plore® 8000 PC visor for helmet	37 10 787
Dräger X-plore® 8000 Rigid foam shell	37 10 788
Dräger X-plore® 8000 Sweat pad for helmets	37 10 789
Dräger X-plore® 8000 Comfort padding	37 10 791
Dräger X-plore® 8000 Assembly clips hood for helmet	37 10 792

Ordering Information

Dräger X-plore® 8000 Visor frame for helmet	37 10 793
Dräger X-plore® 8000 Sealing for helmet with visor	37 10 794
Dräger X-plore® 8000 Head harness for helmets	37 10 796
Dräger X-plore® 8000 Assembly clips for earmuffs	37 10 797
Dräger X-plore® 8000 Powered air purifying respirators	
Dräger X-plore® 8500	R 59 500
Dräger X-plore® 8000 Breathing hoses	
Dräger X-plore® 8000 Standard hose	R 59 620
Dräger X-plore® 8000 Flexible hose	R 59 600
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Zytec® is a registered trademark of RPB Safety, LLC.	

Notes

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