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Dräger PARAT® Filtering Escape Hoods Filtering Escape Device

The PARAT® filtering escape hoods were developed with users, placing the focus on faster escapes. Enhanced operation and wearing comfort, a robust case and a sealed filter help to ensure protection from toxic industrial and/or fire-related gases, vapors and particles for at least 15 minutes.

Dräger PARAT® Filtering Escape Hoods



Clearly visible hood
Hood in signal color for high visibility

Internal head harness
Thanks to the automatically adjusting internal head harness, no additional tightening of the hood is required.

High-performance filter
Filter expiration date is clearly marked; the filter is automatically released from the packaging when opened.

Exhalation valve
Directly leads the exhaled air out of the half mask

Overall protection
16 years of total service life (provided the filter is exchanged after 8 years), Hood provides respiratory and eye protection

Clear view
Wide field of vision due to a specially formed visor. Always a clear view thanks to a special anti-fog coating

Good fit
Specially designed half mask fits a wide variety of face sizes

Textile neck seal
Flexible textile neck seal

D-85039-2013-pi-en-us

D-85039-2013

Dräger PARAT® Filtering Escape Hoods

Hard Case

Soft Pack

Dust and splash water protection
According to IP54

Dust protection
According to IP5

Opening flap with security seal
High visibility, arrow indicates opening direction, seal ensures that the packaging has not been opened

Field of application
Pictogram shows field of application and filter type

Filter sealing plug
When opened, the filter plug is automatically released from the filter

Donning instructions
Show steps to don the hood

Approval and application information
In addition, the QR code provides further information on the Dräger website (PARAT Soft Pack: underneath the protective flap)

Control window
Allows to check the expiration date (PARAT Soft Pack: underneath the protective flap)

D-7610-2023

D-5338-2023

D-5312-2023

Benefits

Ready for escape in only 3 steps

Exceptionally innovative and intuitive: When opening the soft pack or hard case packaging, the filter plug is automatically released from the filter. The filter is then deployed into operational position and the hood can be immediately donned. Thanks to the self-adjusting internal head harness, no additional adjustment is required. All you have to do is open the packaging, remove and don the hood– and leave the danger zone.

Reliable protection

Choose from fire escape, industrial escape or a combination of fire and industrial escape. The high-performance combination filter reliably protects against a wide range of fire and/or toxic industrial gases, vapors and particles – depending on the version. The filters are approved according to the EN standard 403:2004 for fire escape hoods and/or the DIN standard 58647-7 for industrial filtering escape devices. Additionally, the industrial versions are tested in accordance with NIOSH 42 CFR Part 84 and the EN standard 14387:2004 for gas and combined filters.

To keep the filter safe over its long lifetime, it is tightly sealed with two filter plugs.

16 years of service life

Replacing the filter after eight years will extend the service life of the Dräger PARAT Escape Hood to 16 years in total. For this, Dräger offers filter replacement service or expert training for your employees.

Robust and ergonomic

Both ergonomics and wearing comfort were considered when designing the soft pack and hard case packaging of the Dräger PARAT Escape Hoods. The escape hood can be carried with a belt, shoulder strap, grip clip or belt clip. The PARAT Hard Case can also be mounted on the wall using a wallholder. Additionally, the robust packaging of the Dräger PARAT Escape Hoods protects the device from damage.

Different packaging types

You can select between different packaging types: The hard case provides splash water protection (IP54)– the soft pack provides ingress dust protection (IP5). Both packaging types have a viewing window to check the filter expiration date and the condition of the device. Particularly convenient: The security seal on the packaging shows if the unit has been opened.

Details



D-85039-2013

Dräger PARAT® 4900 Industrial Escape Hood



D-85029-2013

Dräger PARAT® 5500 Fire Escape Hood



D-85039-2013

Dräger PARAT® 7500 Combined Fire and Industrial Escape Hood



D-7610-2023

Dräger PARAT® Hard Case



D-5312-2023

Dräger PARAT® Soft Pack



D-85122-2013

Dräger PARAT® 5510 Single Pack

Accessories



D-85043-2013

Dräger PARAT® Training Hood

With the Dräger PARAT® Training Hood employees can be trained on the donning and use of escape hoods. Training versions come standard with a filter dummy for hygienic use. They are available in a Single Pack, Soft Pack, Hard Case, and also Refill Pack for training with the holster version.

Accessories

D-85100-2013



Wallholder PIN for PARAT® Hard Case

Ideal for placing stationary units in a central location. For example in public buildings, where they may be needed in an emergency situation. Or optionally placed in specific locations where they may be required as a safety measure. The Wallholder PIN can be mounted to any Hard Case using the accessory attachment points.

D-21254-2015



Wallholder HOOK for PARAT® Hard Case

Ideal for placing stationary units in a central location. For example in public buildings, where they may be needed in an emergency situation. Or optionally placed in specific locations where they may be required as a safety measure. The unique advantage of the Wallholder HOOK is that when mounted to the Hard Case via a hook system a shoulder harness can be attached to the Hard Case.

ST-14719-2008



Waist Belt (textile)

Ideal for carrying the unit safely secured to the wearer on a daily basis. The textile waist belt is robust and comfortable to wear. The waist belt can be used with both Soft Pack and Hard Case versions.

ST-14720-2008



Waist Belt (plastic)

Ideal for carrying the unit safely secured to the wearer on a daily basis. The flexible plastic-coated waist belt is easy to clean, especially after work in rough environments. The waist belt can be used with both Soft Pack and Hard Case versions.

Accessories

D-1243-2021



Hip Belt (antistatic)

Hip belt with antistatic coating, washable. Belt width: 3.8 cm, belt length: adjustable from 70 to 115 cm. Can be used with PARAT Soft Pack and PARAT Hard Case.

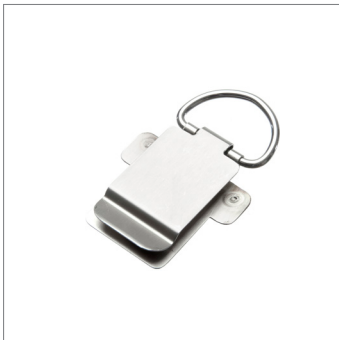
D-7276-2026



PARAT Shoulder Strap

The shoulder strap is perfect for short-term and recurring operations where the device must be quickly taken with the user. The strap can be mounted to accessory attachment points on the Hard Case or the attached loops on the Soft Pack.

D-92815-2013



Belt Clip

The belt clip can be used with any standard belt. Ideal for short term applications like inspection or maintenance where the unit is often attached to and removed from the belt. Can be mounted on the Hard Case using the accessory attachment points. For attachment on the Soft Pack the adapter plate is needed.

D-85103-2013



Dräger PARAT® Grip Clip

The grip clip is a good carrying solution for short term applications when a securely fastened clip is needed. It is ideal to fasten on work clothes or pockets. It can be mounted on the Hard Case using the accessory attachment points. For attachment on the Soft Pack the adapter plate is needed.

Accessories

D-92814-2013



D-Ring for PARAT® Hard Case

The D-ring is ideal for carrying the unit in combination with a carabiner hook. A D-ring is already a standard part of the Soft Pack. This is an optional accessory for the Hard Case and can be mounted using the accessory attachment points.

D-6092-2014



Adapter Plate for PARAT® Soft Pack

The adapter plate is needed to attach the belt or grip clip for use with the Soft Pack.

Technical Data

	Dräger PARAT® 4900	Dräger PARAT® 5500	Dräger PARAT® 7500	Dräger PARAT® Training
Filter performance	NIOSH Multigas / R95 combination filter for toxic industrial gases, vapors, and particles	CO P2: combination filter against toxic fire-related gases, vapours and particles	ABEK CO P3: combination filter against toxic gases, vapours, particles and fire-related gases	Empty filter housing
Period of Use	At least 15 minutes			-
Total service life	16 years (provided the filter is exchanged after eight years)			-
Weight	Dräger PARAT® 4920: 26.7 oz (758 g)	Dräger PARAT® 5520: 24.7 oz (701 g) Dräger PARAT® 5530: 25.4 oz (720 g)	Dräger PARAT® 7520: 30 oz (853 g) Dräger PARAT® 7530: 29.2 oz (830 g)	Soft Pack: 17.9 oz (510 g) Hard Case: 20.1 oz (570 g)
Dimensions (length x width x height)	Dräger PARAT® 4920: 8.8 x 5.6 x 4.8 in (225 x 142 x 122 mm)	Dräger PARAT® 5520: 8 x 5.1 x 4.1 in (204 x 130 x 105 mm) Dräger PARAT® 5530: 9.4 x 5.6 x 4.2 in (241 x 143 x 107 mm)	Dräger PARAT® 7520: 8.8 x 5.6 x 4.8 in (225 x 142 x 122 mm) Dräger PARAT® 7530: 9.8 x 6.1 x 4.5 in (249 x 156 x 115 mm)	Soft Pack: 8 x 5.1 x 4.1 in (204 x 130 x 105 mm) Hard Case: 9.4 x 5.6 x 4.2 in (241 x 143 x 107 mm)
Approvals	NIOSH 42 CFR Part 84	EN 403:2004 PARAT® 5550: additionally approved to EN 137:2006 Type 2 Additionally tested for the use against H2S (at 2,500 ppm) in accordance with DIN 58647-7:1997	EN 403:2004 DIN 58647-7:1997 Additionally tested in accordance with EN 14387	-

PARAT 4920: NIOSH Approved and Independently Tested Gases

Gas/Vapor	Test Concentration	Minimum Service Life (min.)	Tested By:
Ammonia	1,000 ppm	25	NIOSH CFR 84.207 & 84.190 (a)
Chlorine	500 ppm	17.5	NIOSH CFR 84.207 & 84.190 (a)
Chlorine Dioxide	500 ppm	30	NIOSH CFR 84.207 & 84.190 (b)
Hydrogen Chloride	500 ppm	25	NIOSH CFR 84.207 & 84.190 (b)
Hydrogen Flouride	70 ppm	30	NIOSH CFR 84.207 & 84.190 (b)
Hydrogen Sulfide	1,000 ppm	30	NIOSH CFR 84.207 & 84.190 (b)
Methylamine	1,000 ppm	12.5	NIOSH CFR 84.207 & 84.190 (a)
Organic Vapor Test	1,000 ppm	25	NIOSH CFR 84.207 & 84.190 (a)
Sulfur Dioxide Test	500 ppm	15	NIOSH CFR 84.207 & 84.190 (a)
HCHO/Formaldehyde	100 ppm	40	Independent/In House Testing
HCN/Hydrogen Cyanide	500 ppm	50	Independent/In House Testing
Hg/Mercury Vaport	21.5 mg x n -3	60	Independent/In House Testing

Technical Data

Gas filter capacity according to DIN 58647-7:1997*

Type	Test gas	Concentration in ppm	Minimum exposure time in min
A	Cyclohexane (C ₆ H ₁₂)	2,500	15
B	Chlorine (Cl ₂)	2,500	15
B	Hydrogen sulphide (H ₂ S)	2,500	15
B	Hydrogen cyanide (HCN)	2,500	15
E	Sulphur dioxide (SO ₂)	2,500	15
K	Ammonia (NH ₃)	2,500	15
B	Hydrogen sulphide (H ₂ S)	10,000	5

* Test conditions: 30 L/min, 70 % relative humidity, 20 °C / 68 °F

Gas filter capacity according to EN 403:2004*

Test gas	Concentration in ppm	Minimum exposure time in min
Carbon monoxide (CO)	2,500	15
	5,000	15
	7,500	15
	10,000	15
Propenal (Acrolein)	100	15
Hydrogen chloride (HCl)	1,000	15
Hydrogen cyanide (HCN)	400	15

* Test conditions: 30 L/min, 70% rel. humidity, 20 °C / 68 °F

Gas filter capacity according to EN 14387*

Type	Test gas	Concentration in ppm	Minimum exposure time in min
A	Cyclohexane (C ₆ H ₁₂)	1.000	70
B	Chlorine (Cl ₂)	1.000	20
	Hydrogen sulphide (H ₂ S)	1.000	40
	Hydrogen cyanide (HCN)	1.000	25
E	Sulphur dioxide (SO ₂)	1.000	20
K	Ammonia (NH ₃)	1.000	50

*Test conditions: 30 L/min, 70 % relative humidity, 20 °C / 68 °F

Gas filter capacity according to EN 14387*

Type	Test gas	Concentration in ppm	Minimum exposure time in min
A	Cyclohexane (C ₆ H ₁₂)	1.000	70

Technical Data

B	Chlorine (Cl ₂)	1.000	20
	Hydrogen sulphide (H ₂ S)	1.000	40
	Hydrogen cyanide (HCN)	1.000	25
E	Sulphur dioxide (SO ₂)	1.000	20
K	Ammonia (NH ₃)	1.000	50

*Test conditions: 30 L/min, 70 % relative humidity, 20 °C / 68 °F

Ordering Information

Dräger PARAT® Escape Hoods

Dräger PARAT® 4920, Soft Pack	3721331
Dräger PARAT® 5510, Single Pack	R 59 415
Dräger PARAT® 5520, Soft Pack	3721330
Dräger PARAT® 5530, Hard Case	R 59 435
Dräger PARAT® 7520, Soft Pack	3721329
Dräger PARAT® 7530, Hard Case	R 59 437
Dräger PARAT® Training Hood, Soft Pack	3721327
Dräger PARAT® Training Hood, Hard Case	R59430

Accessories

Replacement Filter Set: Dräger PARAT® 4920 (includes NIOSH Multigas/R95 Filter and security seal)	R59473
Replacement Filter Set: Dräger PARAT® 5520/5530 (includes CO P2 filter and security seal)	R59475
Replacement Filter Set: Dräger PARAT® 7500 (includes ABEK CO P3 filter and security seal)	R59477
Wallholder PIN for Dräger PARAT® Hard Case	R59451
Wallholder HOOK for Dräger PARAT® Hard Case	R59452
Waist Belt, textile	6733934
Waist Belt, plastic	R53026
Waist Belt, antistatic	3715595
Shoulder Strap	R59461
Belt Clip	R59456
Grip Clip	R59455
Adapter Plate for Dräger PARAT® Soft Pack	R58742
D-Ring for Dräger PARAT® Hard Case	R59457
Filter Dummy for Dräger PARAT® Training Hoods	R59479
Filterplug Straps for Dräger PARAT® Training Hoods	R59482
Security Seal for Dräger PARAT® Hoods	R59484
Set Sticker Luminescent for Dräger PARAT® 4920	3725786
Set Sticker Luminescent for Dräger PARAT® 5520	3725782
Set Sticker Luminescent for Dräger PARAT® 7520	3725785
Set Sticker Luminescent for Dräger PARAT® Training Unit	3725787

Notes

Notes

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