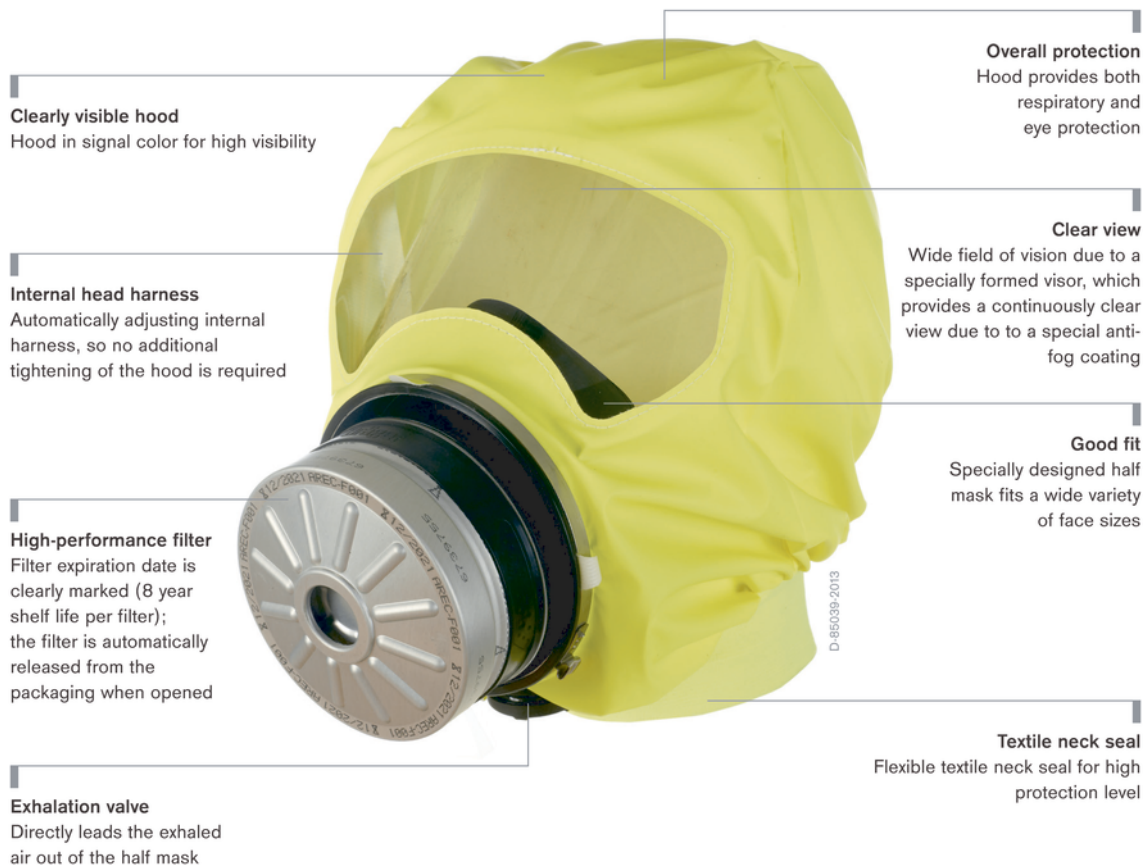


## Dräger PARAT® Escape Hoods

Airborne toxins present an immediate danger to the health of a workforce. When environments turn toxic, a fast, safe escape is crucial. Dräger PARAT® Escape Hoods are designed to be easily donned, protecting users from toxic industrial and fire-related gases, vapors, and particles during escape.



## Benefits

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### Escape hoods ready in three steps

The PARAT® escape hood is easily deployed in an emergency. When the case is opened, the filter plug automatically releases and the filter moves into operational position so the escape hood can be immediately donned. The self-adjusting internal head harness requires no additional tightening.

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### Four available escape hood configurations

#### **PARAT® 4900 Industrial Escape Hood**

Use: protection against toxic industrial gases, vapors, and particles

Filter: NIOSH OVesc. / SDesc. / HCesc. / HFesc. / AMesc. / HFesc. / CDesc. / HSesc. / MAesc. / R95

Approval: according to NIOSH 42 CFR Part 84, additionally tested for MV, Formaldehyde, and HCN

Packaging types: available in Soft Pack only

#### **PARAT® 5500 Fire Escape Hood**

Use: protection against toxic fire-related gases, vapors, and particles

Filter: CO P2 Filter

Approval: according to EN 403:2004 for fire escape hoods, additionally tested for the use against H<sub>2</sub>S (at 2,500 ppm) in accordance with DIN 58647-7

Packaging types: available in Hard Case, Soft Pack and Single Pack

#### **PARAT® 7500**

Use: protection against toxic industrial gases, vapors, particles, and fire-related gases

Filter: ABEK CO P3 Filter

Approval: according to EN 403:2004 for fire escape hoods; according to DIN 58647-7 for filtering escape devices; filter additionally tested in accordance with EN 14387:2004 for gas filter(s) and combined filter(s)

Packaging types: available in Hard Case and Soft Pack

Alternatively available with an elastomeric neck seal for increased protection

#### **PARAT® Training Hood**

Use: for training purposes

Filter: Hood comes with a filter dummy

Packaging types: available in Hard Case, Soft Pack and Single Pack

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### Reliable protection

The high-performance combination filters reliably protects against a wide range of toxic industrial gases, vapors, and particles. The packaging includes a security seal that indicates whether the unit has been opened. In addition, the filter is tightly sealed with two filter plugs.

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### Sixteen years of service life

By replacing the filter after eight years, you will extend the service life of the Dräger PARAT® Escape Hoods to sixteen years in total.

## Benefits

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### Different Packaging types

You can select between two packaging types: The Hard Case provides splash water protection (IP54)—the Soft Pack provides 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

## Accessories

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.  
Order number: 67 33 934

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.  
Order number: R 53 026

## Accessories

D-92805-2013



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### 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.

Order number: R 59 461

D-92815-2013



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### 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.

Order number: R 59 456

D-85103-2013



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### 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.

Order number: R 59 455

D-85108-2013



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### Adapter plate for PARAT® Soft Pack

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

Order number: R 58 742

## 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.

Order number: R 59 457



D-85043-2013

### Dräger PARAT® Training Hood

The Dräger PARAT® Training Hood is an ideal way to train employees 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 (order number: R 59 410), Soft Pack (order number: R 59 420) and Hard Case (order number: R 59 430).



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.

Order number: R 59 451



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.

Order number: R 59 452

## Technical Data

Filter performance	<p>PARAT® 4900: NIOSH Multigas / R95 combination filter for toxic industrial gases, vapors, and particles</p> <p>PARAT® 5500: CO P2 combination filter against carbon monoxide and other fire-related gases, vapors, and particles</p> <p>PARAT® 7500: ABEK CO P3 combination filter against toxic gases, vapors, particles and fire-related gases</p>
Period of use	At least 15 minutes
Total service life	Sixteen years (provided the filter is exchanged after eight years)
Weight lbs (g)	<p>PARAT® 4920: 1.5 lbs (675 g)</p> <p>PARAT® 5510: 1.3 lbs (590 g), PARAT® 5520: 1.4 lbs (660 g)</p> <p>PARAT® 5530: 1.5 lbs (720 g)</p> <p>PARAT® 7520: 1.6 lbs (770 g)</p> <p>PARAT® 7530: 1.8 lbs (830 g)</p> <p>PARAT® Training Hood Single Pack: 1 lbs (440 g)</p> <p>PARAT® Training Hood Soft Pack: 1.1 lbs (510 g)</p> <p>PARAT® Training Hood Hard Case: 1.3 lbs (570 g)</p>
Dimensions: L X W X H in (mm)	<p>PARAT® 4920: 9.6 x 6.2 x 4.3 in (245 x 160 x 110)</p> <p>PARAT® 5510: 7.4 x 5.3 x 3.5 in (190 x 135 x 90)</p> <p>PARAT® 5520: 8.4 x 6.1 x 4.1 in (215 x 155 x 105)</p> <p>PARAT® 5530: 9.4 x 5.6 x 4.2 in (241 x 143 x 107)</p> <p>PARAT® 7520: 9.2 x 6.2 x 4.5 in (235 x 160 x 115)</p> <p>PARAT® 7530: 9.8 x 6.1 x 4.5 in (249 x 156 x 115)</p> <p>PARAT® Training Hood Single Pack: 7.4 x 5.3 x 3.5 in (190 x 135 x 90)</p> <p>PARAT® Training Hood Soft Pack: 8.4 x 6.1 x 4.1 in (215 x 155 x 105)</p> <p>PARAT® Training Hood Hard Case: 9.8 x 6.1 x 4.4 in (249 x 156 x 114)</p>
Approvals	<p>PARAT® 4900: according to NIOSH 42 CFR Part 84</p> <p>PARAT® 5500: according to EN 403:2004, additionally tested for the use against H<sub>2</sub>S (at 2,500 ppm) in accordance with DIN 58647-7</p> <p>PARAT® 7500: according to EN 403:2004 and DIN 58647-7 (filter additionally tested in accordance with EN 14387:2004)</p>

### Gas filter capacity according to EN 403:2004\*

Type	Test gas	Concentration in ppm	Minimum exposure time in min
CO	Carbon monoxide CO	2,500 <sup>1</sup>	15
A	Acrolein (C <sub>3</sub> H <sub>4</sub> O)	100	15
E	Hydrogen chloride HCl	1,000	15
B	Hydrogen cyanide HCN	400	15

\* Test conditions: 30 L/min, 70% relative humidity, 68°F, test with an artificial lung

<sup>1</sup> Additional tests are carried out at 5,000, 7,500 and 10,000 ppm

### Gas filter capacity according to DIN 58647-7\*

Type	Test gas	Concentration in ppm	Minimum exposure time in min
A	Cyclohexane (C <sub>6</sub> H <sub>12</sub> )	2,500	15
B	Chlorine (Cl <sub>2</sub> )	2,500	15
B	Hydrogen sulfide (H <sub>2</sub> S)	2,500	15

## Technical Data

B	Hydrogen cyanide (HCN)	2,500	15
E	Sulfur dioxide (SO <sub>2</sub> )	2,500	15
K	Ammonia (NH <sub>3</sub> )	2,500	15
B	Hydrogen sulfide (H <sub>2</sub> S)	10,000*	5

\* Test conditions according to DIN 58647-7: 30 L/min, 70% relative humidity, 68°F

\*) The penetration safety of the gas filter is additionally tested with 10,000 ppm of hydrogen sulfide.

### Gas filter capacity according to EN14387:2004+A1 2008

Type	Test gas	Concentration in ppm	Minimum exposure time in min
A	Cyclohexane (C <sub>6</sub> H <sub>12</sub> )	1,000	70
B	Chlorine (Cl <sub>2</sub> )	1,000	20
	Hydrogen sulfide (H <sub>2</sub> S)	1,000	40
	Hydrogen cyanide (HCN)	1,000	25
E	Sulfur dioxide (SO <sub>2</sub> )	1,000	20
K	Ammonia (NH <sub>3</sub> )	1,000	50

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

### PARAT® 4900: NIOSH Approved and Independently Tested Gases & Protection

Gas/Vapor	Test Concentration	Minimum Service Life (min.)	Tested by
Ammonia	1,000 ppm	25	NIOSH CFR 84.207
Chlorine	500 ppm	17.5	NIOSH CFR 84.208
Chlorine Dioxide	500 ppm	30	NIOSH CFR 84.209
Hydrogen Chloride	500 ppm	25	NIOSH CFR 84.210
Hydrogen Fluoride	70 ppm	30	NIOSH CFR 84.211
Hydrogen Sulfide	1,000 ppm	30	NIOSH CFR 84.212
Methylamine	1,000 ppm	12.5	NIOSH CFR 84.213
Organic Vapor Test	1,000 ppm	25	NIOSH CFR 84.214
Sulfur Dioxide Test	500 ppm	15	NIOSH CFR 84.215
HCHO/Formaldehyde	100 ppm	40	Independent/In House Testing
HCN/Hydrogen Cyanide	500 ppm	50	Independent/In House Testing
Hg/Mercury Vapors	21.5 mg x m <sup>-3</sup>	60	Independent/In House Testing

## Ordering Information

### Dräger PARAT®

Dräger PARAT® 4920, Soft Pack	R 59 423
Dräger PARAT® 5510, Single Pack	R 59 415
Dräger PARAT® 5520, Soft Pack	R 59 425
Dräger PARAT® 5530, Hard Case	R 59 435
Dräger PARAT® 7520, Soft Pack	R 59 427
Dräger PARAT® 7530, Hard Case	R 59 437
Dräger PARAT® Training Hood, Single Pack	R 59 410
Dräger PARAT® Training Hood, Soft Pack	R 59 420
Dräger PARAT® Training Hood, Hard Case	R 59 430

### Accessories

Replacement Filter Set: Dräger PARAT® 4920 (includes NIOSH Multigas/R95 Filter and security seal)	R 59 473
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## Ordering Information

Replacement Filter Set: Dräger PARAT® 5510 (includes CO P2 filter and label)	R 59 474
Replacement Filter Set: Dräger PARAT® 5520/5530 (includes CO P2 filter and security seal)	R 59 475
Replacement Filter Set: Dräger PARAT® 7500 (includes ABEK CO P3 filter and security seal)	R 59 477
Wall Holder PIN PARAT® Hard Case	R 59 451
Wall Holder HOOK PARAT® Hard Case	R 59 452
Waist Belt, textile	67 33 934
Waist Belt, plastic	R 53 026
Shoulder Strap	R 59 461
Belt Clip	R 59 456
Grip Clip	R 59 455
Adapter Plate for PARAT® Soft Pack	R 58 742
D-Ring for PARAT® Hard Case	R 59 457

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