

## Dräger PARAT® Escape Hoods

Dräger PARAT® Escape hoods were developed in cooperation with users – always with the focus on the fastest escape. Optimized operation and wearing comfort, a robust housing and tested filters guarantee that the wearer of the Dräger PARAT® is protected from toxic industrial and fire-related gases, vapours and particles for at least 15 minutes.



### READY FOR ESCAPE IN ONLY 3 STEPS

Exceptionally innovative and intuitive: When opening the 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.

### ROBUST AND ERGONOMIC

We at Dräger know: Escape hoods and comparable equipment are usually carried in a closed state and rarely opened – only in situations of danger. That is why both, ergonomics and carrying comfort were considered when designing the packaging of the Dräger PARAT. When on duty, the user can carry the escape hood on a belt or a shoulder strap, a grip clip or a belt clip. The PARAT Hard Case can also be mounted on the wall using a wallholder. Additionally, the robust packaging of the Dräger PARAT protects the escape device from damage.

You can select between two packaging types: The Hard Case provides splash water protection (IP54) – the Soft Pack provides dust protection (IP5). Both packagings have windows to check the filter expiration date and the condition of the device.

### RELIABLE PROTECTION

The escape hoods are equipped with high-performance filters. The filters reliably protect from a wide range of toxic industrial and fire-related gases, vapours and particles. Particularly convenient: The security seal on the packaging shows if the unit has been opened. In addition, the filter is tightly sealed with two filter plugs.

### 16 YEARS TOTAL SERVICE LIFE

Replacing the filter after 8 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 an expert training for your employees. In the long term, this offers you great cost savings.



Dräger PARAT® 5500 Escape hood



# Dräger PARAT Escape Hood

## Clearly visible hood

Hood in signal colour for high visibility

## Overall protection

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

## Internal head harness

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

## Clear view

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

## High-performance filter

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

## Good fit

Specially designed half mask fits a wide variety of face sizes

## Exhalation valve

Directly leads the exhaled air out of the half mask

## Textile neck seal

Flexible textile neck seal, alternatively available with an elastomeric neck seal for an even higher protection level



D-86039-2013

### DRÄGER PARAT 4700 INDUSTRIAL ESCAPE HOOD



D-85039-2013

#### DRÄGER PARAT 4700

- Use: protection against toxic industrial gases, vapours and particles
- Filter: ABEK P3 Filter
- Approval: 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

### DRÄGER PARAT 5500 FIRE ESCAPE HOOD



D-85029-2013

#### DRÄGER PARAT 5500

- Use: protection against toxic fire-related gases, vapours 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

### DRÄGER PARAT 7500 FIRE AND INDUSTRIAL ESCAPE HOOD



D-85039-2013, D-85046-2013

#### DRÄGER PARAT 7500

- Use: protection against toxic industrial gases, vapours, 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

### DRÄGER PARAT TRAINING HOOD



D-85044-2013

#### DRÄGER 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

## Hard Case

## Soft Pack

**Dust and splash water protection**  
Protects from dust and splash water (IP54)

**Dust protection**  
Protects from dust (IP5)

**Protective seal**  
Shows that the packaging has not been opened

**Opening flap**  
High visibility, arrow indicates opening direction

**Optical control**  
Window allows to check the expiration date and the device condition

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

**QR code**  
Provides additional information on the Dräger website

**Pictograms**  
Indicate the field of application, approval and donning of the hood

D-92786-2013

D-92786-2013

**PARAT 5510 FIRE ESCAPE HOOD (CO P2)**

- also available as a proven Single Pack
- compact, easy to handle design
- with the standard filter plug system

D-85121-2013

### MULTIPLE CARRYING OPTIONS

You can comfortably wear your Hard Case or Soft Pack on a belt or on a shoulder strap, grip clip or belt clip. A special wallholder is available for the Hard Case.

## TECHNICAL DATA

Filter performance	PARAT® 4700: ABEK P3 combination filter against toxic industrial gases, vapours and particles PARAT® 5500: CO P2 combination filter against toxic fire-related gases, vapours and particles PARAT® 7500: ABEK CO P3 combination filter against toxic gases, vapours, particles and fire-related gases
Period of Use	At least 15 minutes
Total service life	16 years (provided the filter is exchanged after eight years)
Weight	PARAT® 4720: 675 g, PARAT® 4730: 740 g PARAT® 5510: 590 g, PARAT® 5520: 660 g, PARAT® 5530: 720 g PARAT® 7520: 770 g, PARAT® 7520e: 850 g, PARAT® 7530: 830 g, PARAT® 7530e: 900 g PARAT® Training Hood Single Pack: 440 g, PARAT® Training Hood Soft Pack: 510 g, PARAT® Training Hood Hard Case: 570 g
Dimensions (length x width x height in mm)	PARAT® 4720: 245 x 160 x 110 PARAT® 4730: 249 x 156 x 115 PARAT® 5510: 190 x 135 x 90 PARAT® 5520: 215 x 155 x 105 PARAT® 5530: 241 x 143 x 107 PARAT® 7520: 235 x 160 x 115 PARAT® 7530: 249 x 156 x 115 PARAT® Training Hood Single Pack: 190 x 135 x 90 PARAT® Training Hood Soft Pack: 215 x 155 x 105 PARAT® Training Hood Hard Case: 249 x 156 x 114
Approvals	PARAT® 4700: according to DIN 58647-7 (filter additionally tested in accordance with EN 14387:2004) 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. PARAT® 7500: according to EN 403:2004 and DIN 58647-7 (filter additionally tested in accordance with EN 14387:2004)

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

\* Test conditions according to DIN 58647-7: 30 l/min, 70 % relative humidity, 20 °C

<sup>\*)</sup> The penetration safety of the gas filter is additionally tested with 10,000 ppm of hydrogen sulphide.

### 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, 20 °C, test with an artificial lung

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

## ORDERING INFORMATION

### Dräger PARAT®

Dräger PARAT® 4720, Soft Pack	R 59 421
Dräger PARAT® 4730, Hard Case	R 59 431
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® 7520e (with elastomeric neck seal), Soft Pack	R 59 428
Dräger PARAT® 7530e (with elastomeric neck seal), Hard Case	R 59 438
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® 4700 (includes ABEK P3 filter and security seal)	R 59 471
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
Wallholder PARAT® Hard Case	R 59 451
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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