

## 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.



### READY FOR ESCAPE IN ONLY 3 STEPS

PARAT Escape Hoods are intuitive and easy to use:

1. Open the case – seal is broken, filter plugs release, and canister deploys automatically
2. Put on the hood – internal head harness and elastic neck strap adjusts the hood to fit automatically
3. Escape

### ROBUST AND CONFIGURABLE

At Dräger, we understand that escape equipment is stored or carried more than it is used. That is why we considered ergonomics, durability, and carrying comfort when we designed the packaging of the Dräger PARAT. You can order the PARAT with either a Hard Case (IP54) or Soft Pack (IP5) which protects the escape hood from a wide variety of harsh industrial environments. When combined with our extensive list of belt clip, carrying strap, and wall mount accessories, you can configure each escape hood to your ideal carrying solution.

### OPTIONS FOR MULTIPLE APPLICATIONS

Different filter options for the PARAT portfolio make the benefits of an escape hood available for a wider range of applications:

1. PARAT 4900 with NIOSH filter: Ideal for escape from a wide range of toxic industrial gasses, vapors, and particulates
2. PARAT 5500 with EN CO-P2 filter: Ideal for escape from fires, fire related gases and H<sub>2</sub>S.
3. PARAT 7500 with EN combination fire and multigas filter: Ideal for escape from both fire and toxic industrial gases, vapors and particulates

### UP TO 16 YEARS SERVICE LIFE

By replacing the filter after 8 years, you will extend the service life of the Dräger PARAT Escape Hood to 16 years in total (5500 and 7500 versions only), which greatly reduces cost of ownership and long-term maintenance costs. To make things easier for you, Dräger offers filter replacement service and training for your employees.



D-3067-2014

Dräger PARAT® 4900 Escape Hood



D-86029-2013

Dräger PARAT® 5500 Escape Hood

# Dräger PARAT Escape Hood

## Clearly visible hood

Hood in signal color for high visibility

## Overall protection

Hood provides both 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, which provides a continuously clear view due to a special anti-fog coating

## High-performance filter

Filter expiration date is clearly marked (8 year shelf life per filter); 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 (PARAT 7500 only)



D-86039-2013

### DRÄGER PARAT 4900 INDUSTRIAL ESCAPE HOOD



D-85039-2013

#### DRÄGER PARAT 4900

- 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

### DRÄGER PARAT 5500 FIRE ESCAPE HOOD



D-85029-2013

#### DRÄGER PARAT 5500

- 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

### DRÄGER PARAT 7500 FIRE AND INDUSTRIAL ESCAPE HOOD



D-85039-2013, D-85046-2013

#### DRÄGER 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

### DRÄGER PARAT TRAINING HOOD



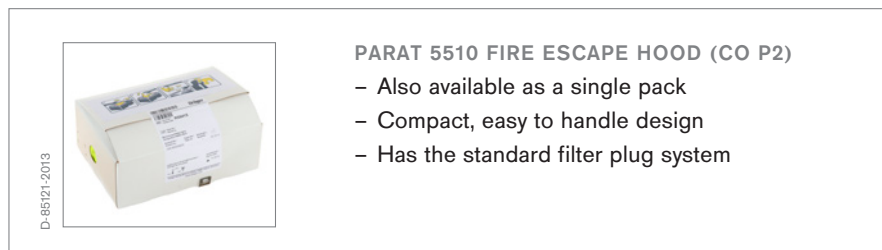
D-85044-2013

#### 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



### MULTIPLE CARRYING OPTIONS

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

## TECHNICAL DATA

Filter performance	PARAT® 4900: NIOSH Multigas / R95 combination filter for toxic industrial gasses, vapors, and particles PARAT® 5500: CO P2 combination filter against toxic fire-related gases, vapors and particles PARAT® 7500: ABEK CO P3 combination filter against toxic gases, vapors, 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, excluding Parat 4900)
Weight	PARAT® 4920: 675 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 × width × height in mm)	PARAT® 4920: 245 × 160 × 110 PARAT® 5510: 190 × 135 × 90 PARAT® 5520: 215 × 155 × 105 PARAT® 5530: 241 × 143 × 107 PARAT® 7520: 235 × 160 × 115 PARAT® 7530: 249 × 156 × 115 PARAT® Training Hood Single Pack: 190 × 135 × 90 PARAT® Training Hood Soft Pack: 215 × 155 × 105 PARAT® Training Hood Hard Case: 249 × 156 × 114
Approvals	PARAT® 4900: according to NIOSH 42 CFR Part 84 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 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

### 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
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 sulfide (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 sulfide.

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

## 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® 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® 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 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

PARAT® is a trademark of Dräger.

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