



# NH15<sup>TM</sup>

IMMEDIATE COMPACT PROTECTION

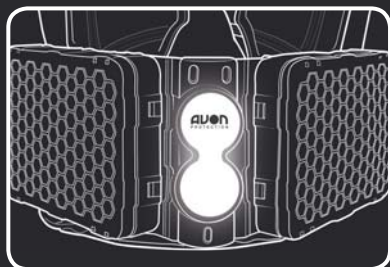


COMPACT H<sub>2</sub>S FILTER ESCAPE HOOD RESPIRATOR

**AVON**  
PROTECTION

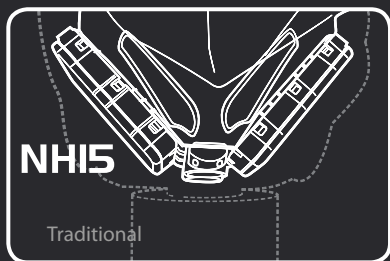
# NH15™

IMMEDIATE COMPACT PROTECTION



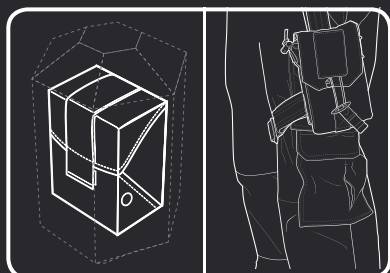
## SEE AND BE SEEN IN EVERY SITUATION

In emergency situations of heavy smoke, poor lighting and visibility conditions, the NH15 provides a clear range of vision. The reflective label on the hood allows users to be easily seen by rescue teams with emergency lighting.



## COMPACT FOR QUICK ACCESS AND USE

Other escape hoods are bulky and cumbersome. The Avon NH15 features low-profile filters for reduced snagging, and reduced delay in donning. The streamlined design minimises the potential for grabbing when used in confined areas with anxious people.



## SIZE IS EVERYTHING

The most compact H<sub>2</sub>S filter escape hood respirator. The compact Avon NH15 provides multiple belt and shoulder carry options.

# SIZE MATTERS



**DON IN LESS  
THAN 30 SECONDS**



Achieve critical CBRN respiratory protection within 30 seconds of opening the protective packaging and donning the reflective hood.

**100 MINUTES PROTECTION  
AGAINST H<sub>2</sub>S AT 5000 ppm**



Provides wearers with respiratory, vision and facial CBRN protection for a minimum 15 minutes to allow sufficient time to evacuate from a contaminated area.

**5 YEAR  
SHELF LIFE**



With minimal packaging, no maintenance, and low cost of ownership, the NH15 can provide 5 years of maintenance-free protection.

**PLEASE NOTE:** THE NH15 ESCAPE HOOD CAN BE WORN WITH BEARDS, LONG HAIR AND GLASSES



## COMPETITIVE COMPARISONS

	AVON NH15	MSA Safe Escape	ILC Dover Scape	North ER2000	QuickPro
Packaged size	86 mm x 101 mm x 152 mm	170 mm x 140 mm x 310 mm	89 mm x 260 mm x 211 mm	114 mm x 150 mm x 254 mm	94 mm x 121 mm x 197 mm
Weight	625 g (23 oz)	1029 g (36.3 oz)	1016 g (35.8 oz)	803 g (28 oz)	635 g (23.5 oz)
NIOSH certified	TC-14G-0302	TC-14G-0276	TC-14G-0277	TC-14G-0281	No
Approved for CE Marking	BS8468-3.2:2009 type-1	No	No	No	No
Clear hood for user identification & all round vision	Full	Partial	Partial	Partial	No
Self adjusting harness	Yes	Yes	No Harness	No	No
Anti-fog coating on visor	Yes	No	No	Yes	Yes
User noise	Low	High	"Very High (Motor/Fan Noise)"	High	High
Filter protrusion distance from face	50 mm	175 mm	75 mm	125 mm	125 mm
Balanced on user's head	Yes	No	No	Yes	No
Batteries	No	No	Yes	No	No

## USER TRAINING



The Avon NH15 contains a quick-don label to guide user in an emergency situation.



To support the introduction of the NH15 into an organisation, simple posters provide a constant message to users on the correct operation.



A training hood is available for end-user and emergency training.



CD and Training Presentation available for initial user training and new user education on the "do's and don'ts" of using the Avon NH15.

## AFFORDABLE PROTECTION

- No fit check required
- The Avon NH15 is vacuum-packed in a multilayer barrier bag that provides 5 years of shelf life
- No annual maintenance
- Protect more people with your budget

## IDEAL FOR:

- Oil Refineries
- Chemical Facilities
- General Industrial Applications
- Truck/Transportation
- Industries
- Mining/Drilling Applications
- Executive Protection

# NH15 H<sub>2</sub>S Technical Data

## Typical Filter Performance Data

Filter	Challenge Concentration (ppm)	Breakthrough Time (minutes)
Hydrogen Sulfide	500	>150
Ammonia	1250	>20
Sulphur Dioxide	750	>30
Cyclohexane	1300	>35
Formaldehyde	250	>45
Hydrogen Cyanide	470	>45
Nitrogen Dioxide	100	>45
Phosphine	150	>45
Phosgene	125	>45
Cyanogen Chloride	150	>30

Sizing	NIOSH Approval	CE Marking Approval	Neck Size
Extra Small (Hard to fit)	75027-104-B	600191-Q	12-13 Inches
Regular	75027-100-B	600192-Q	13-18 Inches
Large	75027-107-B	600193-Q	18-22 Inches
Training hoods are available on request.			

## Breathing Resistance

Inhalation at 85 lpm	Less than 50 mm H <sub>2</sub> O
Exhalation at 85 lpm	Less than 12 mm H <sub>2</sub> O

## Protection Factor & Hood Performance

Breathing zone (Oronasal)	Greater than 2000
Hood zone (Ocular)	Greater than 150
Neck size range	330-558 mm (regular)
Donning time	Less than 30s
Re-breathing CO <sub>2</sub>	Less than 2.0%

## Filter Performance

Particulate penetration	P3/P100 (Less than 0.03%)
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## Temperature Rating

- 25°C to +40°C	Humidity 5% to 95%
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## Flame Resistance

Meets requirements when tested in accordance with EN13274-4 ; 2001 method 3.
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## Packaging

Pack size	150 mm x 100 mm x 90 mm (6"x4"x3.4")
Packaging type	4 layer foil barrier bag surrounded by reinforced nylon carrier - waist belt length 1525 mm (60") max
Weight (as carried)	625 g (1 lb 7 oz.)
Packaged shelf life	5 years when stored between -15°C to 40°C
User instructions	3 language user guide supplied

## Enhanced Filter Performance Data

	Challenge Concentration (ppm)	Breakthrough Time (minutes)
Hydrogen Sulfide	1500	>120
	5000	>100
Ammonia	2500	>18
Chlorine	1000	>35
Cyclohexane	2600	>15
Hydrogen Chloride	500	>60
	1000	>30
Hydrogen Cyanide	1000	>16
Hydrogen Fluoride	70	>60
Sulphur Dioxide	150	>45

## 100 MINUTES PROTECTION AGAINST H<sub>2</sub>S AT 5,000 ppm

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H<sub>2</sub>S performance independently tested by TNO Defence, Security and Safety. Report No: 010DV4/274.



Certified by NIOSH CBRN APER Escape only 15 TC-14G-0302.



The NH15 CBRN 15 minute escape hood carries an Article 10 type-examination approval to BS8468-3.2:2009 type-1, under the PPE Directive 89/686/EEC for CE marking



ADVANCE WITH CONFIDENCE

www.avon-protection.com

