

NHI5TM

ESCAPE HOOD

THE MOST COMPACT H₂S FILTER
ESCAPE HOOD RESPIRATOR

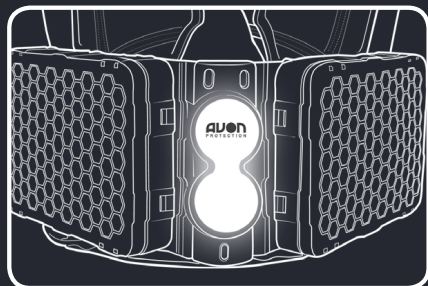
ESCAPE HOOD



100 MINUTES PROTECTION
AGAINST H₂S AT 5,000 ppm

NH15™

ESCAPE HOOD



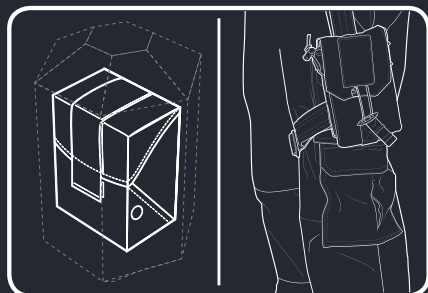
SEE AND BE SEEN IN EVERY SITUATION

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 H₂S filter escape hood respirator. The compact Avon NH15 provides multiple belt and shoulder carry options.

SIZE MATTERS



**DON IN LESS
THAN 20 SECONDS**



Achieve critical CBRN respiratory protection within 20 seconds of opening the protective packaging and donning the reflective hood.

**100 MINUTES PROTECTION
AGAINST H₂S 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	86mm x 101mm x 152mm	170mm x 140mm x 310mm	89mm x 260mm x 211mm	114mm x 150mm x 254mm	94mm x 121mm x 197mm
Weight	625g (23 oz)	1029g (36.3 oz)	1016g (35.8 oz)	803g (28 oz)	635g (23.5oz)
NIOSH certified	TC-14G-0302	TC-14G-0276	TC-14G-0277	TC-14G-0281	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	50mm	175mm	75mm	125mm	125mm
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 annual OSHA fit test requirements
- The Avon NH15 is vacuum-packed in a multilayer barrier bag that provides 5 years of shelf life
- NO maintenance or inspection requirements
- Protect more people with your budget

IDEAL FOR:

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

TECHNICAL DATA

PROTECTION FACTOR	
Breathing zone (Oronasal)	Greater than 2000
Hood zone (Ocular)	Greater than 150
Neck size range	330-500mm (regular)
Donning time	Less than 30s
Re-breathing CO ₂ (machine test)	Less than 1.0%
Re-breathing CO ₂ (human test)	Less than 2.0%

BREATHING RESISTANCE	
Inhalation at 85lpm	Less than 50mm H ₂ O
Exhalation at 85lpm	Less than 10mm H ₂ O

FLAME RESISTANCE	
Meets requirements when tested in accordance with EN13274-4 ; 2001 method 3.	

TEMPERATURE RATING	
- 25°C to +40 °C	Humidity 5% to 95%

SIZING		
Regular	75027-100	neck size 330mm to 500mm (13" to 18")
Training	75027-105	-

FILTER PERFORMANCE	
Particulate penetration	P100 (Less than 0.03%)



GAS AND VAPOR PROTECTION		
	Challenge Concentration (ppm)	Breakthrough Time (minutes)
Hydrogen Sulfide	500	>150
	1500	>120
	5000	>100
Ammonia	1250	>45
	2500	>18
Chlorine	1000	>35
Sulphur Dioxide	750	>35
	1500	>15
Cyclohexane	1300	>35
	2600	>15
Formaldehyde	250	>45
Hydrogen Cyanide	470	>45
	1000	>16
Nitrogen Dioxide	100	>45
Phosphine	150	>45
Phosgene	125	>45
Cyanogen Chloride	150	>30

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

NIOSH
National Institute for
Occupational Safety and Health
Certified by NIOSH CBRN
APER Escape only 15
TC-14G-0302.



H₂S performance
independently tested
by TNO Defence,
Security and Safety.
Report No: 010DV4/274

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AVON
PROTECTION