



SCBA
Ficha Técnica ENG

Fire Equipment de México
Poniente 122 No. 513,
Col. Coltongo, Del. Azcapotzalco,
C.P. 02630, CDMX, México
Tel. (+52) 55 5368 8888
consulta@FireEquipmentMexico.com

FEM S.A.
Fire Equipment de México

to protect those who keep us safe



EMERGENCY ESCAPE HOOD

NHI5TM

COMPACT ESCAPE HOOD

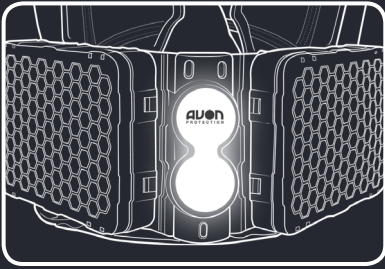
AVON
PROTECTION

NHI5
BS8468-3.2:2009
Type 1M class 15 CBRN

AVON
PROTECTION

NH15™

COMPACT ESCAPE HOOD



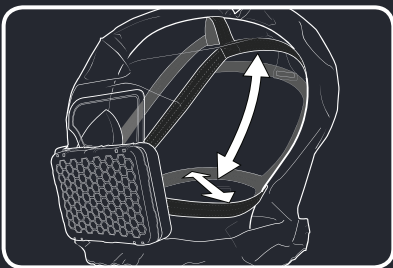
SEE AND BE SEEN IN EVERY SITUATION

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 minimizes the potential for grabbing when used in confined areas with anxious people.



FIT AND COMFORT

The close fit filters combined with a self adjusting harness provide the user with increased comfort and the security of a correctly fitted hood.

WE REDUCED THE SIZE. NOT THE PROTECTION.



*The image above represents the NIOSH Standard Carrier



DON IN LESS THAN 30 SECONDS

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



15 MINUTES OF PROTECTION

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.

COMPETITIVE COMPARISONS

	AVON NH15	MSA Safe Escape	ILC Dover Scape	North ER2000	QuickPro
Packaged size	3.4" x 4.0" x 6.0"	6.7" x 5.5" x 12.2"	3.5" x 10.2" x 8.3"	4.5" x 5.9" x 10"	3.75" x 4.75" 7.75"
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
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	2"	7"	3"	5"	5"
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 organization, simple posters provide a constant message to users on the correct operation.



A training hood is available for end-user training. Can be used for multiple training courses.



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 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

PROTECTION FACTOR & HOOD PERFORMANCE	
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	Less than 2.0%

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

BARRIER PERFORMANCE (SWATCH SAMPLES)	
GB	Greater than 30 minutes
HD	Greater than 30 minutes

SMARTMAN PERFORMANCE (TESTED AT ECBC)	
GB	Greater than 30 minutes
HD	Greater than 30 minutes

SIZING	NIOSH APPROVAL	CE MARKING APPROVAL	NECK SIZE
	Standard Carrier		
Extra Small (Hard to fit)	75027-104	600191	12 to 13 Inches
Regular	75027-100	600192	13 to 18 Inches
Large	75027-107	600193	18 to 22 Inches

Training hoods are available on request.

FILTER PERFORMANCE	
Particulate penetration	P3/P100 (Less than 0.03%)

TYPICAL FILTER PERFORMANCE DATA		
	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

PACKAGING	
Pack size	6"x4"x3.4" in (150 x 100 x 90mm)
Packaging type	4 layer foil barrier bag surrounded by reinforced nylon carrier
Weight (as carried)	11b 7oz. (625g)
Packaged shelf life	5 years when stored between 5°F and 105° F
User instructions	3 language user guide supplied

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



Industry Certified Protection Factors
NATO standard protection factors
ensure the hood has been rigorously tested.

NIOSH CBRN approved
TC-146-0302.



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

The Americas

t: +1 888 286 6440

e: customerservice@avon-protection.com

Europe, Middle East, Asia, Africa & Australasia

t: +44 (0) 1225 896705

e: protection@avon-protection.com

www.avon-protection.com



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