DON IN LESS THAN 30 SECONDS
100 MINUTES PROTECTION AGAINST H₂S AT 5000 ppm
5 YEAR SHELF LIFE

ACHIEVE CRITICAL CBRN RESPIRATORY PROTECTION WITHIN 30 SECONDS OF OPENING THE PROTECTIVE PACKAGING AND DONNING THE REFLECTIVE HOOD.

PROVIDES WEARERS WITH RESPIRATORY, VISION AND FACIAL CBRN PROTECTION FOR A MINIMUM 15 MINUTES TO ALLOW SUFFICIENT TIME TO EVACUATE FROM A CONTAMINATED AREA.

WITH MINIMAL PACKAGING, NO MAINTENANCE, AND A 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**

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

**USER TRAINING**

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

Filter

<table>
<thead>
<tr>
<th>Challenge Concentration (ppm)</th>
<th>Breakthrough Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Sulfide</td>
<td>500</td>
</tr>
<tr>
<td>Ammonia</td>
<td>1250</td>
</tr>
<tr>
<td>Sulphur Dioxide</td>
<td>750</td>
</tr>
<tr>
<td>Chlorine</td>
<td>1350</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>250</td>
</tr>
<tr>
<td>Hydrogen Fluoride</td>
<td>470</td>
</tr>
<tr>
<td>Nitrogen Dioxide</td>
<td>150</td>
</tr>
<tr>
<td>Phosphine</td>
<td>150</td>
</tr>
<tr>
<td>Phosgene</td>
<td>150</td>
</tr>
<tr>
<td>Cyanogen Chloride</td>
<td>150</td>
</tr>
</tbody>
</table>

Filter Performance

| | Challenge Concentration (ppm) | Breakthrough Time (minutes) |
|-----------------------------|-----------------------------|
| Hydrogen Sulfide | 500 | >120 |
| Ammonia | 5000 | >100 |
| Chlorine | 2500 | >120 |
| Phosphine | 1000 | >30 |
| Hydrogen Chloride | 2000 | >15 |
| Hydrogen Fluoride | 500 | >60 |
| Sulphur Dioxide | 1000 | >30 |

Temperature Rating

-25°C to 40°C
Humidity 5% to 95%

Flame Resistance

Meets requirements when tested in accordance with EN374/4.2001 method 5

Packaging

- 150 mm x 100 mm x 90 mm (6" x 4" x 3.4")
- 4 layer foil barrier bag surrounded by reinforced nylon carry belt
- Weight (as carried) 625 g (1 lb 7 oz.)
- Packaging Type: 5 years when stored between -15°C to 40°C
- User Instructions: 3 languages user guide supplied

Sizing

<table>
<thead>
<tr>
<th></th>
<th>NIOSH Approval</th>
<th>CE Marking Approval</th>
<th>Neck Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra Small (Hard to fit)</td>
<td>75027-104-B</td>
<td>600197-Q</td>
<td>12-13 inches</td>
</tr>
<tr>
<td>Regular</td>
<td>75027-100-B</td>
<td>600192-Q</td>
<td>13-18 inches</td>
</tr>
<tr>
<td>Large</td>
<td>75027-107-B</td>
<td>600193-Q</td>
<td>18-22 inches</td>
</tr>
</tbody>
</table>

Training hoods are available on request.

Breathing Resistance

- Inhalation at 85 lpm: Less than 50 mm H₂O
- Exhalation at 85 lpm: Less than 12 mm H₂O

Protection Factor & Hood Performance

- Breathing zone (Oronasal): Greater than 2000
- Head zone (Ocular): Greater than 150
- Neck size range: 310-518 mm (regular)
- Expiring time: Less than 30s
- Re-breathing CO₂: Less than 2.5%

Enhanced Filter Performance Data

<table>
<thead>
<tr>
<th>Challenge Concentration (ppm)</th>
<th>Breakthrough Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Sulfide</td>
<td>1500</td>
</tr>
<tr>
<td>Ammonia</td>
<td>5000</td>
</tr>
<tr>
<td>Chlorine</td>
<td>2500</td>
</tr>
<tr>
<td>Phosphine</td>
<td>1000</td>
</tr>
<tr>
<td>Hydrogen Chloride</td>
<td>2000</td>
</tr>
<tr>
<td>Hydrogen Fluoride</td>
<td>500</td>
</tr>
<tr>
<td>Sulphur Dioxide</td>
<td>1000</td>
</tr>
</tbody>
</table>

100 MINUTES PROTECTION AGAINST H₂S AT 5,000 ppm

www.avon-protection.com