HALF MASK
PROTECTION AGAINST GAS, VAPOUR & DUST

COMPACTMASK

5120
FFA1P2 R D

5230
FFA2P3 R D

5330
FFABE1P3 R D

5430
FFABEK1P3 R D

CHARACTERISTICS

EXTREMELY LIGHTWEIGHT AND COMPACT.

EXCELLENT FIELD OF VISION.
The horizontally shaped integrated filters give an exceptionally wide field of vision.

FLEXFIT – SECURE FIT FOR DIFFERENT FACE SHAPES AND SIZES.
Mask body kind to skin, made from hypoallergenic, thermoplastic material.

LOW BREATHING RESISTANCE.
Pleated filter technology reduces inhalation resistance by up to 50% whilst maintaining filtration performance.

DOLOMITE CLOGGING TEST.
Masks have passed the Dolomite clogging test, giving the user better breathing resistance for longer.

100% PVC-FREE.
All Moldex products and packaging are 100% PVC-free.

MATERIALS

Facepiece: Polypropylene, TPE
Head Strap: Polyester, Lycra
Clip: Polyethylene
Particulate Filter: Polypropylene
Gas Filter: Activated Carbon
Gas Filter Cartridges: Polypropylene
Inhalation Valve: SBR
Exhalation Valve: Synthetic Rubber

CERTIFICATION

The Moldex CompactMask meet the requirements of EN 405:2001+A1:2009 and is CE marked in accordance with the requirements of European Directive 89/686/EEC. The "Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung" (IFA) in St. Augustin (0121) in Germany is responsible for both type examination (Article 10) and monitoring of production (Article 11B). The products are manufactured in an ISO 9001 certified plant.

WEIGHTS

5120: 210 g  5230: 250 g  5330: 270 g  5430: 270 g

AREAS OF USE

(WEL = Workplace Exposure Limit)
R: The filters are reusable.
**DATASHEET**

**HALF MASK**

**PROTECTION AGAINST GAS, VAPOUR & DUST**

**TESTING**

The Moldex CompactMask has been tested to EN405:2001+A1:2009 and fulfill all requirements of the relevant categories.

**Maintenance of the mask**

The MOLDEX CompactMask may be re-used by a single individual wearer or may be employed as a disposable item. Should you decide to re-use the mask, then it should be cleaned daily following use. Clean the facepiece with a cloth and warm water in conjunction, where necessary, with a neutral cleaning agent. Do not allow the filters to come into contact with the water or cleaning agent. Ensure that the mask is completely dry before placing in storage.

**Breathing Resistance**

The breathing resistance produced by the gas filter cartridge or combination of gas filter cartridge and particulate filter is tested at an airflow of 30 l/min and 95 l/min.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Max. Breathing Resistance (mbar) according to EN 405</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30 l/min</td>
</tr>
<tr>
<td>A1P2 R D</td>
<td>1.7</td>
</tr>
<tr>
<td>A2P3 R D</td>
<td>2.4</td>
</tr>
<tr>
<td>ABE1P3 R D</td>
<td>2.0</td>
</tr>
<tr>
<td>ABEK1P3 R D</td>
<td>2.0</td>
</tr>
</tbody>
</table>

**Flammability**

Masks are passed through a 800°C (+/- 50°C) flame with a speed of 6 cm/s. After passing through the flame the effect of the test on the mask components is noted.

**PROTECTION CAPACITY**

The minimum capacities and breakthrough times of the gas filter cartridges are tested at a flow rate of 30 l/min.

<table>
<thead>
<tr>
<th>Category</th>
<th>Test Gases</th>
<th>Minimum Capacity</th>
<th>Minimum Breakthrough time</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Cyclohexane</td>
<td>7.3 g</td>
<td>70 min</td>
</tr>
<tr>
<td>B1</td>
<td>Chlorine</td>
<td>1.8 g</td>
<td>20 min</td>
</tr>
<tr>
<td></td>
<td>Hydrogen sulfide</td>
<td>1.7 g</td>
<td>40 min</td>
</tr>
<tr>
<td></td>
<td>Hydrogen cyanide</td>
<td>0.84 g</td>
<td>25 min</td>
</tr>
<tr>
<td>E1</td>
<td>Sulfur dioxide</td>
<td>1.6 g</td>
<td>20 min</td>
</tr>
<tr>
<td>K1</td>
<td>Ammonia</td>
<td>1.05 g</td>
<td>50 min</td>
</tr>
<tr>
<td>A2</td>
<td>Cyclohexane</td>
<td>18.4 g</td>
<td>35 min</td>
</tr>
</tbody>
</table>

**CHECKING FACE FIT**

Close the vents of the exhalation valve by pressing down the flexible valve cover and breathe out slowly. If no air escapes between facepiece and nose, a proper sealing fit is achieved. If air escapes, adjust the position of the mask on the face or adjust the tension of the straps. Repeat this check until a seal is achieved. If a secure seal cannot be achieved, do not enter any contaminated area. See your supervisor.

**INSTRUCTIONS FOR FITTING**

1. Place the respirator over the mouth and nose and fit the head straps as shown in the illustration.
2. Hook up the bottom straps at the back of the neck.
3. Pull the ends the straps to the required tightness.

**INFO**

For help on selection and training please contact us. We offer a wide range of training packages and support material.

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