Little Details make a Big Difference
Introducing the New 3M™ Aura™ 9300+ Series Disposable Respirators

3M make the respirators you need to wear to be protected. They also develop the respirators you want to wear. The brand new 3M™ Aura™ 9300+ Series disposable respirators are the result of 3M’s continuous drive to improve comfort.

It is packed with ground-breaking ideas, technologies and materials, and has retained many of the features that helped make the 9300+ Series hugely popular.

With the aid of 3M’s innovative new low breathing resistance filter technology, you can breathe through your respirator with even less effort. The 3M™ Aura™ 9300+ Series also features an embossed top panel that helps reduce the fogging of eyewear from warm, moist exhaled air.

Breathing ease

**NEW** Low breathing resistance filter technology

- gives effective filter performance whilst lowering resistance to breathing resulting in improved comfort

**3M™ Cool Flow™ Valve**

- effectively removes heat build up to provide a cooler and more comfortable wear
- removes exhaled air and minimises the risk of fogging eyewear

Clear vision

**NEW** Embossed top panel

- helps reduce the fogging of eyewear

**NEW** Sculpted nose panel

- curved, low profile design conforms well to nose and facial contours
- helps provide a good field of vision
- improves compatibility with eyewear

Face and head comfort

**Design and material**

- ingenious 3-Panel design fits a wide range of face shapes and sizes to accommodate your facial movements
- collapse resistant; ideal for work in hot humid environments
- stays securely in place, helping to provide a good, comfortable seal
- large soft nose foam material and smooth inner cover web both feel incredibly soft on the skin and help to create a comfortable environment for the face
- extremely lightweight

**Convenience**

- flat-fold; easy to store when not in use
- hygienic individual packaging helps protect the respirator from contamination before use
- meets EN 149:2001+A1:2009 requirements

**NEW** Innovative chin tab

- improves ease of donning and adjustment to help achieve a comfortable fit
Breathe in more freely

The 3M™ Aura™ 9300+ Series respirators feature 3M’s brand new low breathing resistance filter technology: an innovative filter media that helps minimise breathing resistance. This enables high filtering performance with less effort on the part of the wearer, making protection even less intrusive.

Chart (below): When tested to EN 149:2001+A1:2009, at a flow rate of 95 litres per minute, the approximate mean inhalation breathing resistance achieved with the new 3M™ Aura™ respirators was 75% better than the maximum limit for a EN 149 FFP1 respirator, 65% better for FFP2 and 60% better for FFP3.

Making comfort up to 75% more breathable

Mean breathing resistance* of 3M™ Aura™ 9300+ Series Respirators as per requirements of EN 149:2001+A1:2009

<table>
<thead>
<tr>
<th>Product</th>
<th>Inhalation Breathing Resistance (95 l/min)</th>
<th>EN149 REQUIREMENT</th>
<th>Measured Mean (mbar)</th>
<th>Pooled Standard Deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>9312+ FFP1</td>
<td>2.1</td>
<td>0.51</td>
<td>0.03</td>
<td></td>
</tr>
<tr>
<td>9322+ FFP2</td>
<td>2.4</td>
<td>0.82</td>
<td>0.06</td>
<td></td>
</tr>
<tr>
<td>9332+ FFP3</td>
<td>3.0</td>
<td>1.20</td>
<td>0.05</td>
<td></td>
</tr>
</tbody>
</table>

*Individual 95% Confidence Interval for Mean, based on Pooled Standard Deviation for inhalation. Inhalation flowrate at 95 l/min. Testing performed by BSI to the requirements of EN 149:2001+A1:2009 breathing resistance and is generally representative of performance.
# 3M™ Aura™ 9300+ Series Disposable Respirator Range: Key Industry Guide

## Features and Benefits Guide

<table>
<thead>
<tr>
<th>Product Details</th>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M™ Aura™ 9310+</td>
<td>Low breathing resistance filter technology</td>
<td>Enables high filtering performance with less effort on the part of the wearer</td>
</tr>
<tr>
<td>3M™ Aura™ 9312+</td>
<td>New CoolFlow™ Valve</td>
<td>Provides a cooler and more comfortable wear</td>
</tr>
<tr>
<td>3M™ Aura™ 9320+</td>
<td>New Embossed top panel</td>
<td>Helps reduce the fogging of eyewear</td>
</tr>
<tr>
<td>3M™ Aura™ 9322+</td>
<td>New Sculpted nose panel</td>
<td>Improves compatibility with eyewear</td>
</tr>
<tr>
<td>3M™ Aura™ 9332+</td>
<td>New Innovative chin tab</td>
<td>Helps achieve a comfortable fit</td>
</tr>
<tr>
<td></td>
<td>Ingenious 3-panel design</td>
<td>Improves ease of fitting</td>
</tr>
<tr>
<td></td>
<td>Stay securely in place</td>
<td>Helps ensure a good face seal</td>
</tr>
<tr>
<td></td>
<td>Comfortable</td>
<td>Respirator flexes with mouth movement while talking</td>
</tr>
<tr>
<td></td>
<td>Ideal for work in hot humid environments</td>
<td>For further information on Aura 9300+ Series disposable respirators call the Health and Safety Helpline numbers below or visit <a href="http://www.3M.co.uk/Aura9300plus">www.3M.co.uk/Aura9300plus</a>.</td>
</tr>
</tbody>
</table>

This industry guide is not exhaustive but offers some typical industries for which 3M™ Aura™ 9300+ Series Respirators may be suitable. All the 3M™ Aura™ 9300+ Series respirators offer respiratory protection against solid and non-volatile liquid particulates when used and worn correctly – the required protection level will depend on the concentration of contaminants in the environment, exposure limits and other risk factors. Warning: Selection of the most appropriate respiratory protective equipment (RPE) will depend on the particular situation and should be made only by a competent person knowledgeable of the actual working conditions and the limitations of RPE.

For further information on Aura 9300+ Series disposable respirators call the Health and Safety Helpline numbers below or visit [www.3M.co.uk/Aura9300plus](http://www.3M.co.uk/Aura9300plus).