Protection that works as hard as you do.

3M™ Disposable Particulate Respirators
Your employees. They deserve reliable and quality respiratory protection.

Disposable respirators from 3M combine comfort with proprietary technologies that help deliver easy breathing and comfortable protection against particle hazards in both oil and non-oil environments.
Breathe easy with proven technology.

Each 3M disposable particulate respirator is made of our proprietary filter media to allow greater airflow while capturing more contaminants in electrostatically charged microfibers. And that’s just the start.

Innovative technology offers protection and comfort.

These icons identify which features are included on each respirator, so you can match the right one to your environment:

- **3M™ Cool Flow™ Exhalation Valve**
  One-way valve for easy exhalation and easy breathing.

- **M-Noseclip**
  Easily adjustable to help provide a custom and secure seal.

- **Cake-Resistant Filter Media**
  Long-lasting and easy breathing with a layered filter media designed for welding.

- **Welding Web**
  Unique filter media with protective layers, designed to be flame resistant per ASTM D2859-96.*

- **Carbon Filter Material**
  Comfort and relief from nuisance levels** of odors, vapors and gaseous contaminants.

- **Adjustable Buckle Straps**
  Get a comfortable, secure seal with a single tug.

*Not a substitute for a faceshield
**Nuisance level refers to concentrations not exceeding OSHA PEL or applicable occupational exposure limit whichever is lower.
Find the right respirator for your job.

All 3M™ disposable particulate respirators have a US OSHA assigned protection factor (APF) of 10 and provide protection against airborne particulates like dust, mists or fumes. Disposable respirators will not help filter gases and vapors. If you need protection against gases, vapors, or particulates such as solvents, cleaning products, adhesives, chemicals, paint spray or other hazards or are in healthcare and/or need a fluid-resistant respirator, please contact your sales representative to learn about other options.

Oil environments

I work in an oily environment for up to eight hours a day, and I plan to dispose of my respirator at the end of every shift.

What nuisance-level odors are in my work environment?

- Organic vapors like solvents, degreasers, and resins.
- Acid gases like sulfur dioxide, hydrogen fluoride, and chlorine.
- My environment doesn’t have any nuisance-level odors.

8247 (R95) 8246 (R95)

8577 (P95) 8576 (P95)

Featuring the 3M™ Cool Flow™ Exhalation Valve for physically demanding environments.

I need a respirator that’s resistant to oil. I’ll be wearing it more than eight hours a day, and/or I plan to reuse it.

What nuisance-level odors are in my work environment?

- Organic vapors like solvents, degreasers, and resins.
- Acid gases like sulfur dioxide, hydrogen fluoride, and chlorine.
- My environment doesn’t have any nuisance-level odors.

8293 (P100)

8577 (P95) 8576 (P95) 8271 (P95)

8271 (P95)
*This decision tree is intended to help each employer find options for their specific situation. In the US, employers must implement a full respiratory protection program per OSHA 29 CFR 1910.134, including proper respirator selection, training, and use. Misuse of a respirator may result in overexposure to contaminants and cause sickness or death. For correct use, consult your supervisor and User Instructions, or call 3M at 1-800-247-3941.
General purpose respirators

Reliable protection against a wide range of non-oily particles. Engineered to provide at least 95% filtration efficiency.
Unvalved N95 Respirators (flat fold)

9205+
The 3M™ Aura™ Series innovative 3-panel design combines comfort and convenience with its soft inner materials, adjustable chin tab and a sculpted, embossed top panel designed to allow more room for eyewear and help reduce eyewear fogging.

Flat fold design offers convenient storage and portability
Individual packaging helps protect respirator from contamination

Unvalved N95 Respirators (cup-shaped)

9210+
Same great design as the 3M™ Aura™ 9205+, N95 but with braided headbands to help keep respirator securely in place and minimize pulling of hair.

Unvalved N95 Respirators (flat fold)

9210+
Same great design as the 3M™ Aura™ 9205+, N95 but with braided headbands to help keep respirator securely in place and minimize pulling of hair.

9205+
The 3M™ Aura™ Series innovative 3-panel design combines comfort and convenience with its soft inner materials, adjustable chin tab and a sculpted, embossed top panel designed to allow more room for eyewear and help reduce eyewear fogging.

Flat fold design offers convenient storage and portability
Individual packaging helps protect respirator from contamination

General purpose respirators
Respirators for oil environments

Designed for use in environments where oil mist, nuisance-level odors and gases are present. Offering protection from oil mist and other irritants, R95 respirators are somewhat resistant to oil mist, whereas P95 respirators are strongly resistant to oil mist.
Respirators for Oil Environments

**8271 (P95)**
Features a collapse-resistant shell. Designed for: Grinding, sanding, sweeping, machining and other dust-producing, oily operations.

**8293 (P100)**
Provides minimum filter efficiency of 99.97% against oil-based and non-oil-based particles.

Relief from Nuisance-Level Odors

**Organic Vapors**

**8247 (R95)**
Helps protect against nuisance levels** of organic vapors such as solvents, degreasers and resins. Designed for: Foundry operations, lab settings, agriculture, petrochemical manufacturing, undercoating.

**8577 (P95)**
Helps provide comfortable protection against nuisance levels** of organic vapors such as solvents, degreasers and resins. Designed for: Foundry operations, lab settings, agriculture, petrochemical manufacturing, undercoating.

**Acid Gases**

**8246 (R95)**
Helps protect against nuisance levels** of acid gases such as sulfur dioxide, hydrogen fluoride and/or chlorine. Designed for: Glass etching, chemical processing, paper processing, aluminum.

**8576 (P95)**

**IMPORTANT:** All 3M products shown in this catalog must be used in accordance with the OSHA regulations and the user instructions, warnings, and limitations accompanying each product.

**Nuisance level refers to concentrations not exceeding OSHA PEL or applicable occupational exposure limit whichever is lower.**
Flame-resistant respirators for welding

Offering protection from welding fumes, these respirators all feature 3M™ Cool Flow™ Exhalation Valve technology that helps release warm and moist exhaled breath from inside the respirator.
**N95 Welding Respirators**

8214

Designed to protect in welding situations, particularly with stainless, galvanized and aluminum, when ozone* and nuisance-level** organic vapors are present.

Comfortable foam face seal helps offer a secure seal.

8212

Designed for tough environments with unique filter media designed specifically to be flame-resistant for welding with comfortable foam face seal for a more secure fit.

8515

An economical option for welders with adjustable M-Noseclip and braided headbands for a custom, secure seal.

---

*3M recommended for ozone protection up to 10X PEL/OEL, for up to 8 hours of use. Not NIOSH approved for use against ozone.

**Nuisance level refers to concentrations not exceeding OSHA PEL or applicable occupational exposure limit whichever is lower.

**IMPORTANT:** All 3M products shown in this catalog must be used in accordance with the OSHA regulations and the user instructions, warnings, and limitations accompanying each product.
100 class
disposable respirators

Offering NIOSH’s highest rated filtration efficiency in disposable respirators, our 100 class disposable respirators offer protection in oil and non-oil environments.
P100 Respirators

**8293 (P100)**
Provides minimum filter efficiency of 99.97% against **non-oil and oil-based particles.**

- Adjustable noseclip helps provide a custom and secure seal
- 3M™ Cool Flow™ Exhalation Valve
- Comfortable face seal
- Adjustable buckle straps help provide a secure fit
- Compatible with a variety of protective eyewear and hearing protection
- Individually packaged

N100 Respirators

**8233 (N100)**
Provides minimum filter efficiency of 99.97% against **non-oil-based particles.**

- Adjustable noseclip helps provide a custom and secure seal
- 3M™ Cool Flow™ Exhalation Valve
- Comfortable face seal
- Adjustable buckle straps help provide a secure fit
- Compatible with a variety of protective eyewear and hearing protection
- Individually packaged

**IMPORTANT:** All 3M products shown in this catalog must be used in accordance with the OSHA regulations and the user instructions, warnings, and limitations accompanying each product.
## Product ordering information

### 3M™ Disposable Particulate Respirators

<table>
<thead>
<tr>
<th>NIOSH Class</th>
<th>SKU</th>
<th>Qty/Box</th>
<th>Boxes/Cases</th>
<th>Case Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General purpose respirators</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9210+</td>
<td>N95</td>
<td>7100230348</td>
<td>-</td>
<td>240</td>
</tr>
<tr>
<td>9205+</td>
<td>N95</td>
<td>7100232219</td>
<td>20</td>
<td>12</td>
</tr>
<tr>
<td>9105</td>
<td>N95</td>
<td>7000002390</td>
<td>50</td>
<td>8</td>
</tr>
<tr>
<td>9105S</td>
<td>N95</td>
<td>7000030028</td>
<td>50</td>
<td>8</td>
</tr>
<tr>
<td>8210</td>
<td>N95</td>
<td>7100132742</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td>8110S</td>
<td>N95</td>
<td>7000052065</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td>8200</td>
<td>N95</td>
<td>7000052787</td>
<td>20</td>
<td>8</td>
</tr>
<tr>
<td>9211+</td>
<td>N95</td>
<td>7100110432</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>8210V</td>
<td>N95</td>
<td>7000002462</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>8511</td>
<td>N95</td>
<td>7000002056</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td><strong>Respirators for oil environments</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8247</td>
<td>R95</td>
<td>7000002060</td>
<td>20</td>
<td>6</td>
</tr>
<tr>
<td>8246</td>
<td>R95</td>
<td>7000002059</td>
<td>20</td>
<td>6</td>
</tr>
<tr>
<td>8577</td>
<td>P95</td>
<td>7000002062</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>8576</td>
<td>P95</td>
<td>7000002061</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>8271</td>
<td>P95</td>
<td>7000002047</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>8203</td>
<td>P100</td>
<td>7000002055</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td><strong>Flame-resistant respirators for welding</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8214</td>
<td>N95</td>
<td>7000002083</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>8515</td>
<td>N95</td>
<td>7000002112</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>8212</td>
<td>N95</td>
<td>7000002027</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td><strong>100 class respirators</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8203</td>
<td>P100</td>
<td>7000002055</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>8233</td>
<td>N100</td>
<td>7000002028</td>
<td>1</td>
<td>-</td>
</tr>
</tbody>
</table>
These respirators help reduce exposures to certain airborne particulates. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in injury, illness or death. For correct use, consult supervisor and User Instruction, or call 3M PSD Technical Service in USA at 1-800-247-3941 and in Canada at 1-800-267-4414.