

# Product Information Report

## Disposable Respirator Selection



### Overview

From foundries to woodworking, workers in many industries require protection from airborne particles and mists. Sweeping, sanding, grinding, sawing, bagging, welding – each creates a unique set of conditions, especially given environmental considerations such as heat and humidity. 3M™ has a wide selection of filtering facepiece respirators to help you match the respirator to your environment. 3M™ uses a variety of innovative technologies and features to help you meet your protection and comfort needs. They are all NIOSH 42 CFR 84 approved and include the following features:

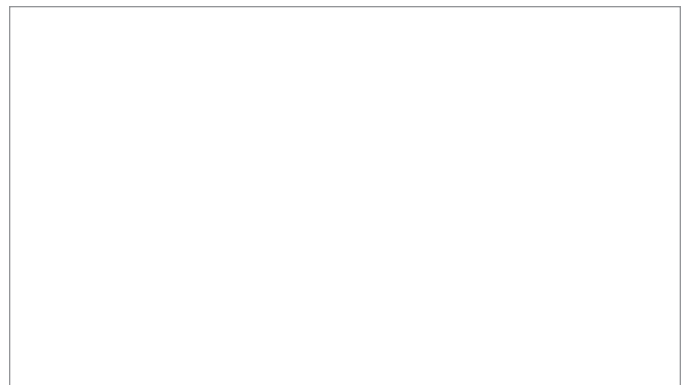
- Light weight and comfortable
- Adjustable noseclips
- Variety of strap types and attachments
- Some are available with carbon filter material for nuisance level relief\*
- Soft inner materials
- Compatible with most eye and hearing protection

\*3M™ recommended for relief against nuisance level acid gas or organic vapors. Nuisance levels are less than OSHA PEL or applicable government occupational exposure limits, whichever is less.

### IMPORTANT

All 3M™ filtering facepieces are NIOSH approved respirators. Before using, you must determine the following:

- The types of contaminants for which the respirator is being selected and exposure time
- The concentration level of the contaminant(s) – do not use for particle concentrations that exceed 10 times the OSHA PEL or applicable occupational exposure limit, whichever is lower
- Whether the respirator can be properly fitted to the wearer's face – do not use with beards or in other conditions that prevent a good seal between the face and the sealing surface of the respirator
- Before requiring use of filtering facepiece respirators, a written respiratory protection program must be implemented, meeting all the requirements of OSHA 29 CFR 1910.134 including medical evaluation, training and fit testing



## Featured Technologies



### **Cool Flow™ Exhalation Valve**

Patented one-way valve for easy exhalation and cool, dry comfort



### **M-Noseclip**

Patented noseclip adjusts easily for fewer pressure points and greater comfort



### **Face Seal**

Soft and secure, conforms closely to face for additional comfort



### **Advanced Electret Media**

Patented filter media with electrostatically charged microfibers help make breathing easier and cooler



### **Carbon Filter Material**

Carbon filter media provides relief against odors, vapors and other gaseous contaminants for greater wearer comfort – for nuisance level relief only\*

\*3M™ recommended for relief against nuisance level acid gas or organic vapors. Nuisance levels are less than OSHA PEL or applicable government occupational exposure limits, whichever is less.



### **Cake-Resistant Filter Media**

Patented filter media with specifically designed filter layers for welding applications provide longer respirator life and easier breathing



### **Welding Web**

Unique filter media incorporating protective layers designed to be flame resistant for welding applications provide longer respirator life and easier breathing.



### **Adjustable Buckle Straps**

A single tug helps provide a comfortable, secure fit

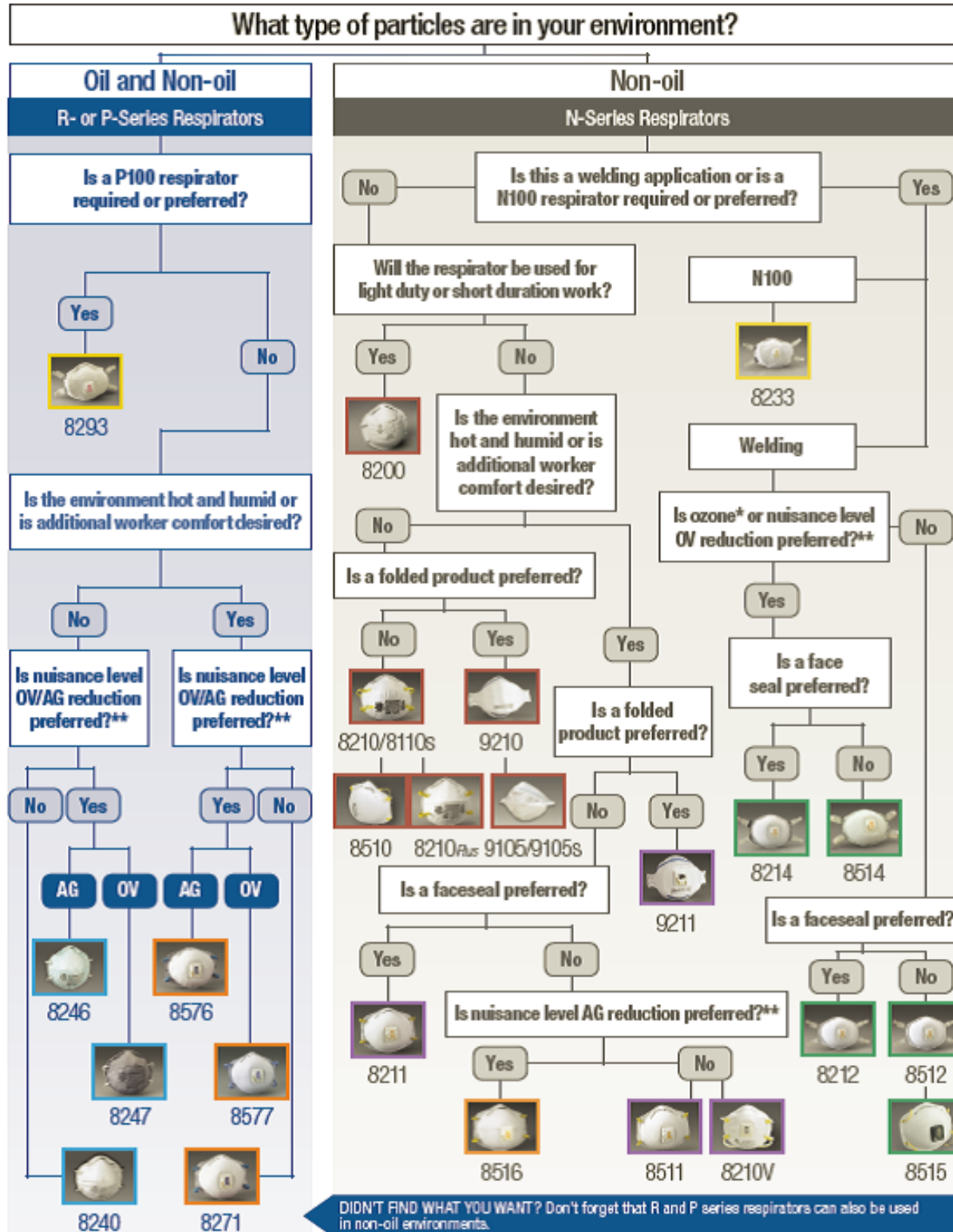


### **P-Series Filter**

Patented advanced Electret media, appropriate for prolonged use in both oil and non-oil containing environments

**Choosing a Respirator**

Use the selection guide below to identify the preferred respirator for increased worker comfort.



\*3M™ recommended for ozone protection up to 10X OSHA PEL. Not NIOSH approved for ozone.

\*\*3M™ recommended for relief against nuisance level acid gas (AG) or organic vapors (OV). Nuisance levels are less than OSHA PEL or applicable government occupational exposure limits, whichever is lower.