

3M Science.
Applied to Life.™

Particulate Respirator N95



The heat is on. Protect your workers.

When working in hot and humid environments, finding both reliable and comfortable respiratory protection is key to helping keep workers safe.

With 3M 8511 disposable respirators, there's a solution: 3M Cool Flow Valve technology



#MMM 8511

Cool comfort starts with cool breathing.

3M disposable and reusable respirators with the 3M™ Cool Flow™ Valve are designed to maximize breathing comfort and exhalation. By helping to release the user's hot, humid, exhaled breath quickly, the 3M™ Cool Flow™ Valve helps to reduce heat and moisture build-up inside the facepiece. Additionally, the valve cover helps direct exhaled air downward and away from the face. When you work in hot, humid, and physically demanding environments, a little more comfort makes a difference.



Beat the heat with a cooler solution.

3M™ Cool Flow™ Valve technology can help keep your workers more comfortable.

Inhalation with a 3M™ Cool Flow™ Valve



- ▶ **Inhalation:** As the wearer inhales, air is pulled through the respirator, and surface temperature decreases. Additionally, the 3M™ Cool Flow™ Valve's plastic cover retains some of the inhaled heat.

Exhalation with a 3M™ Cool Flow™ Valve



- ▶ **Exhalation:** As the wearer exhales, the respirator is filled with warm, moist air. The exhaled air exits through the 3M™ Cool Flow™ Valve and filter media. This is ideal for long periods of wear, especially where conditions are hot and humid, or when physically demanding work causes heavy breathing.

For a full listing of all 3M™ Cool Flow™ Valve technology options, contact 3M or visit 3M.com/CoolFlow.



Heat has no boundaries

3M™ Cool Flow™ Valve technology is available on numerous 3M disposable and reusable respirators, providing a cooler solution to most working environments.

WARNING

These respirators help protect against certain particles. Misuse may result in sickness or death. For proper use, see supervisor or User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



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