

3M™ Particulate Respirator 8577, P95, with Nuisance Level Organic Vapor Relief 80 EA/Case

3M Product Number 8577, 3M ID 70070757946, UPC 50051138543711



- NIOSH approved for at least 95 percent filtration efficiency against certain oil and non-oil based particles
- Carbon layer reduces exposure to nuisance levels of organic vapors
- 3M™ Cool Flow™ Exhalation Valve reduces heat build-up inside the respirator
- Braided headbands and soft inner material provide comfort

This disposable P95 particulate respirator helps provide respiratory protection against certain oil and non-oil based particles. The respirator features a carbon layer to remove nuisance levels* of organic vapors. It features 3M™ Cool Flow™ Valve.

3M™ Particulate Respirator 8577, P95 is a disposable particulate respirator that is designed to help provide reliable respiratory protection of at least 95 percent filtration efficiency against certain oil and non-oil based particles. A carbon layer reduces exposure to nuisance levels of organic vapors such as solvents, degreasers, and resins. Suggested applications include foundry operations, lab settings, agriculture, petrochemical manufacturing, and undercoating where particles and nuisance levels* of organic vapors may be present. Braided headbands and an adjustable M-noseclip are designed to help enhance user comfort and increase wearability. The respirator incorporates 3M's proprietary technology with advanced electrostatically charged microfiber filter media designed for ease of breathing. This respirator is compatible with a variety of protective eyewear and hearing protection.

Fitted with a 3M Cool Flow™ Exhalation Valve, this respirator is ideally suited for work situations involving heat, humidity, or long periods of wear. The proprietary 3M Cool Flow valve is designed to release hot, humid exhaled breath quickly, helping to prevent an unpleasant build up of heat inside the facepiece - a significant cause of discomfort to respirator wearers. The Cool Flow valve's efficiency in keeping breathing cool and comfortable has been demonstrated through testing*: the atmosphere inside a respirator with a Cool Flow valve is on average 7.5°F cooler than the similar product without the valve. This makes Cool Flow valve respirators ideal for long periods of wear, especially where conditions are hot, humid or physically demanding. *Testing conducted in a 3M laboratory. Testing protocol, data generation and conclusions were reviewed and approved by an expert from The University of Minnesota. The testing performed by 3M is not a part of the testing and certification conducted by NIOSH. This particulate respirator is NIOSH (National Institute for Occupational Safety and Health) approved for environments containing certain oil and non-oil based particles and provides at least 95 percent filter efficiency. This respirator is 3M recommended for relief against nuisance levels of organic vapors.

*Nuisance level refers to concentrations less than the OSHA PEL or applicable government occupational exposure limits, whichever is lower.

Breathing hazardous particles can pose a risk to your health. NIOSH, a Federal government regulatory agency, has tested and approved the 3M Particulate Respirator 8577, which is designed to help reduce exposure to certain airborne particles. **WARNING:** These respirators help reduce exposures to certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. In the U.S., 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 sickness or death. For proper use, see package instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

Specifications

Aerosol Type	Oil and Non-Oil
Boxes per Case	8
Braided Comfort Strap	Yes
Cartridge or Filter Included	Yes
Class	Specialty
Color	White
Exhalation Valve	Yes
FDA Cleared	No
Features	3M™ Cool Flow™ Valve, Advanced Electrostatic Media, Carbon Filter Material, Environment - Hot or Humid, M Noseclip, OV Reduction, P-Series Filter
Flame Resistance (ASTM D2859-96)	No
Fluid Resistant (ASTM F1862)	N/A
National Stock Number	4240014528331
Natural Rubber Latex Components	No
Nuisance Odor Relief (< OSHA PEL)	Organic Vapors
Number per Box	10
Packaging	Bulk Case
Product Type	Nuisance Level Organic Vapors

Recommended Industry	General Manufacturing, Mining, Oil & Gas, Transportation
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Respirator Style	Cup
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Size	Standard
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Standards/Approvals	P95
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US Govt Contract Number	GS-07F-0374J
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Details

- NIOSH approved for at least 95 percent filtration efficiency against certain oil and non-oil based particles
- Carbon layer reduces exposure to nuisance levels of organic vapors
- 3M™ Cool Flow™ Exhalation Valve reduces heat build-up inside the respirator
- Braided headbands and soft inner material provide comfort
- Advanced Electret Media is designed for ease of breathing
- Adjustable M noseclip
- Spacious and durable