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3M™ Particulate Respirator 8233, N100 20/cs

3M ID 70070709012 UPC# 50051138541434 3M Product Number 8233 CAT# 8233



This disposable N100 particulate respirator is designed to help provide comfortable, reliable worker respiratory protection against certain non-oil based particles. Features 3M™ Cool Flow™ Valve, foam faceseal, adjustable straps and individual packaging.

Benefits

- NIOSH's highest rated filtration efficiency in a disposable respirator N100
- 3M™ Cool Flow™ Exhalation Valve reduces heat build-up inside the respirator
- Compatible with a variety of protective eyewear and hearing protection
- Adjustable noseclip reduces potential for eyewear fogging
- Individually packaged
- Advanced Electrostatic Media is designed for ease of breathing

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Overview | [Support](#)

3M™ Particulate Respirator 8233, N100 is a disposable particulate respirator that is designed to help provide reliable respiratory protection of at least 99.97 percent filtration efficiency against certain non-oil based particles. Soft inner material provides added comfort while the cup shape design makes the respirator spacious and durable. Adjustable noseclip reduces potential for eyewear fogging. Fully adjustable head straps help provide a secure seal. 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. Recommended applications include foundry operations, grinding, petrochemical manufacturing, processing of minerals, and welding. Industries in which this respirator is commonly used includes construction, general manufacturing, mining, oil and gas, and transportation. 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. This particulate respirator is NIOSH (National Institute for Occupational Safety and Health) approved for environments containing certain non-oil based particles and provides N100 (99.97%) filter efficiency. Respirator helps provide protection against certain OSHA substance specific contaminants including lead, MDA, arsenic, and cadmium (excluding asbestos). Breathing hazardous particles can pose a risk to your health. NIOSH, a Federal government regulatory agency, has tested and approved the 3M Particulate Respirator 8233, which is designed to help reduce exposure to certain airborne particles.

Specifications

Aerosol Type	Non-Oil
Braided Comfort Strap	Yes (Wide)
Brand	3M Signature Products
Exhalation Valve	Yes
Faceseal / Nosefoam	Faceseal
FDA Cleared	No

Flame Resistance (ASTM D2859-96)	No
Fluid Resistant (ASTM F1862)	N/A
Individually Wrapped	No
Natural Rubber Latex Components	No
NIOSH Approval Number	TC-84A-1298
Nuisance Odor Relief (< OSHA PEL)	N/A
Ozone (3M Recommended up to 10X OSHA PEL)	No
Product Type	Dust and other Particles
Recommended Application	Assembly, Cleaning, Demolition, Facility Maintenance, Grinding, Machine Operations, Sanding, Welding
Recommended Industry	Automotive, Construction, Food & Beverage Manufacturing, Manufacturing, Metal Production & Fabrication, Military Maintenance, Repair and Operation (MRO), Mining, Oil & Gas, Pharmaceutical, Transportation
Respirator Style	Cup
Size	Standard
Strap Attachment Type	Adjustable Buckle

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