

3M™ Particulate Filter 2091/07000(AAD), P100



Specifications

Accessories	Yes
Aerosol Type	Oil and Non-Oil
Brand	3M™
Cartridge or Filter Type	Particulate
Case Quantity	100/case
Clip-on Welding Shield	Yes
Compatible Respirator	3M™ Full Facepieces 6000, 3M™ Full Facepieces 7800 Series, 3M™ Full Facepieces FF-400, 3M™ Half Facepiece Reusable Respirators 6000 Series, 3M™ Half Facepiece Reusable Respirators 6500 Series, 3M™ Half Facepiece Reusable Respirators 7500 Series, 3M™ Half Facepiece Reusable Respirators 7800 Series
Compatible with 3M™ PAPR Systems	Yes
Compatible with 3M™ Supplied Air System	Yes

Compatible with Welding Shield	Yes
Connection Type	Bayonet
Cool Flow™ Exhalation Valve	Yes
Drop-down Feature	Yes
Enhanced Comfort	Yes
Enhanced Durability	Yes
Eye Protection	Yes
Features	Easy Breathing, Lightweight
Filter Class	P100
Filter Material	Polypropylene
For Use With	3M™ Cartridges 6000 Series, Reusable Respirators
Gas & Vapor Protection Type	Particulates
Hazard Type	Mold, Particulate, Silica
Maintenance Free	Yes
Market	Aerospace, Defense, Homeland Security
National Stock Number	4240013201954, 2940014794309
Nuisance Odor Relief (< OSHA PEL)	N/A
Overall Height (Imperial)	4.3 in, 4.3 in
Overall Length (Imperial)	4.3 in
Particulate Protection	Asbestos, Mold, Silica
Product Type	Filter
Protection Type	Asbestos, Mold, Silica
Purpose	Cartridges & Filters
Recommended Application	Assembly and Mechanical, Brazing, Chemical Manufacturing, Cleaning, Composite Finishing, Final Finish, Manufacturing, Metal Pouring, Paint Preparation, Painting, Pesticide Application, Petrochemical, Powder Charging, Powder Coating, Pulp and Paper, Remediation, Sanding, Soil Preparation, Soldering, Spray Coating, Torch Cutting, Welding, Wood Processing
Recommended Industry Transportation	Construction, Design & Construction, Facility Sanitation, Food Processing, Food Safety, General Manufacturing, Heavy Infrastructure, Industrial Maintenance, Marine, Metal Production & Fabrication, Mining, Oil & Gas,

Segment	Personal Safety
Silicone Face Seal	Yes
Six-point Head Harness	Yes
Spare Parts	Yes
Speaking Diaphragm	Yes
Standards/Approvals	P100

Details

- Exceptional 99.97% filter efficiency meets NIOSH P100-series test criteria
 - Advanced Electret Media (AEM) provides lightweight, easy breathing comfort
 - Versatile protection against many oil and non-oil based particulate contaminants
 - Bayonet compatibility allows use with many 3M™ half and full facepiece designs
 - Wide range of applications reduces inventory needs and training requirements
- NIOSH approved for environments containing certain oil and non-oil based particles.

The 3M™ Particulate Filter 2091, P100 helps provide respiratory protection against exposure to lead, asbestos, cadmium, arsenic, and MDA. The filter is effective for concentrations up to 10 times the Permissible Exposure Limit (PEL) with half facepieces, or 50 times PEL with quantitatively fit tested full facepieces. This filter helps protect against a wide range of oil and non-oil based particulate contaminants. 3M's Advanced Electret Media (AEM) provides a comfortable lightweight, easy-breathing combination. The 2091 is commonly used for welding, brazing, torch cutting, metal pouring and soldering. Inventory needs and training requirements of safety equipment are reduced because this filter works for many different applications. The filter is both flame and water resistant. Industries where this filter is commonly used include agriculture, construction, general manufacturing, pharmaceuticals and primary metals. The filter works with a wide range of facepieces, including 3M™ Half and Full Facepieces 6000, 7000 and FF-400 Series. If used with 3M™ Adapter 502, the filter may also be used with 3M™ Respirator 5000 Series or 3M™ Cartridge 6000 Series. The filter is NIOSH (National Institute for Occupational Safety and Health) approved for environments containing certain oil and non-oil based particles. The filter has been assigned the color code "magenta" in the NIOSH system. Passing NIOSH's P-series test criteria, the 2091 P100 filter provides at least 99.97 percent filter efficiency against particles.

Breathing hazardous particles can pose a risk to your health. NIOSH, a Federal government regulatory agency, has tested and approved the 3M™ Particulate Filter 2091 to help reduce exposure to certain particles.