

3M 2097



Details

- Exceptional 99.97% filter efficiency meets NIOSH P100-series test criteria
- Versatile protection against many oil and non-oil based particulate contaminants
- Nuisance odor relief for organic vapor levels below the Permissible Exposure Level (PEL)
- 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. 3M recommended for nuisance level organic vapor relief and for ozone protection up to 10X OSHA PEL.

The 3M™ Particulate Filter 2097, P100, with Nuisance Level Organic Vapor Relief 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. The filter also offers nuisance level odor relief from organic vapors that are below the PEL. Nuisance level refers to concentrations not exceeding OSHA PEL or other applicable government exposure limits, whichever is lower. Do not use for respiratory protection against organic vapors or in environments that are immediately dangerous to life or health (IDLH). The 2097 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. This filter is commonly used in the following industries: agriculture, construction, general manufacturing, pharmaceuticals, 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 2097 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 2097 to help reduce exposure to certain particles.

Specifications

Accessories	Yes
Aerosol Type	Oil and Non-Oil
Brand	3M™
Case Quantity	100
Connection Type	Bayonet
Features	Easy Breathing, Lightweight
Gas & Vapor Protection Type	Particulates
Height	4.3 Inch
Height (Metric)	10.92
Length	4.3 Inch
National Stock Number	4240013722611
NIOSH Cartridge or Filter Assigned Color Coding	Magenta
Nuisance Odor Relief (< OSHA PEL)	Organic Vapors
Product Series	6000, 7000, 7500, 7800S, FF-400, Rugged Comfort 6500
Recommended Industry	Construction, Design & Construction, Facility Sanitation, Food Processing, Food Safety, General Manufacturing, Heavy Infrastructure, Industrial Maintenance, Marine, Mining, Oil & Gas, Transportation
Standards/Approvals	P100
US Govt Contract Number	GS-07F-0374J