

# North Filter & Cartridge Selection Reference Guide

## Cartridges And Filters for Air-Purifying Respirators

### Gas & Vapor Cartridges

|  |   |  |   |   |  |
|--|---|--|---|---|--|
|    |  |                                       |                                       |  |               |
| <b>75SCL</b>   | <b>N75001L</b>  | <b>N75002L</b>   | <b>N75003L</b>  | <b>N75004L</b>  | <b>N750052L</b>  |
| Label Color: Olive   | Label Color: Black  | Label Color: White   | Label Color: Yellow   | Label Color: Green  | Label Color: Olive   |
| Defender™ Multi-Purpose Cartridge: Organic Vapor, Ammonia, Methylamine, Formaldehyde and Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Sulfide, Hydrogen Fluoride, Chlorine Dioxide) | Organic Vapor Cartridge   | Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide) and Formaldehyde Cartridge | Organic Vapor and Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide) Cartridge | Ammonia and Methylamine Cartridge   | Mercury Vapor and Chlorine Cartridge with End-of-Service-Life-Indicator (ESLI) for Mercury Vapor |

### Combination Gas & Vapor Cartridges with P100 Particulate Filters

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|   |                             |    |   |                                     |   |
| <b>75SCP100L</b>  | <b>7581P100L</b>   | <b>7582P100L</b>  | <b>7583P100L</b>  | <b>7584P100L</b>   | <b>75852P100L</b>  |
| Label Color: Olive and Magenta  | Label Color: Black and Magenta   | Label Color: White and Magenta  | Label Color: Yellow and Magenta   | Label Color: Green and Magenta   | Label Color: Olive and Magenta   |
| Defender™ Multi-Purpose Cartridge and P100 Particulate Filter: Organic Vapor, Ammonia, Methylamine, Formaldehyde and Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Sulfide, Hydrogen Fluoride, Chlorine Dioxide) with a P100 particulate filter (99.97% minimum filter efficiency) for all particulates | Organic Vapor Cartridge with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide) and Formaldehyde Cartridge with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | Organic Vapor and Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide) Cartridge with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates. | Ammonia and Methylamine Cartridge with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | Mercury Vapor and Chlorine Cartridge with End-of-Service-Life-Indicator (ESLI) for Mercury Vapor, with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates |

## Particulate Filters and Assemblies

|  |  |  |   |  |  |
|--|--|--|---|--|--|
|  <p><b>7580P100</b></p> <p>Color: Magenta</p> <p>P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates</p> |  <p><b>75FFP100</b></p> <p>Color: Magenta</p> <p>"Pancake": Low Profile P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates</p> |  <p><b>7535FFP100</b></p> <p>Color: Magenta</p> <p>"Pancake" Filter Assembly. Low Profile P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates. Filter Assembly includes 5 pair 75FFP100 and 1 pair N750035 adapters for use with air-purifying gas and vapor cartridges (except Defender)</p> |  <p><b>75FFP100NL</b></p> <p>Color: Magenta</p> <p>"Pancake" with odor relief: Low Profile P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates; with odor relief from nuisance levels of organic vapors, acid gases and ozone</p> |  <p><b>7506N95</b></p> <p>Color: White</p> <p>N95 Non-Oil Particulate Filter (95% minimum filter efficiency) for non-oil based aerosol particulates</p> |  <p><b>7531N95</b></p> <p>Color: White</p> <p>N95 Filter Assembly; includes 1 pair each of 7506N95 filter, N750015 filter holder and N750027 filter cover</p> |
|--|--|--|---|--|--|

|  |   |  |  |
|--|---|--|--|
|  <p><b>7506N99</b></p> <p>Color: White</p> <p>N99 Particulate Filter (99% minimum filter efficiency) for non-oil based aerosol particulates</p> |  <p><b>7531N99</b></p> <p>Color: White</p> <p>N99 Filter Assembly. Includes 1 pair each 7506N95 filter, N750015 filter holder and N750027 filter cover</p> |  <p><b>7506R95</b></p> <p>Color: White</p> <p>R95 Particulate Filter (95% minimum filter efficiency) Note: R class filters are limited to 8 hours of use in environments with oil based aerosol particulates</p> |  <p><b>7531R95</b></p> <p>Color: White</p> <p>R95 Filter Assembly. Includes 1 pair each of 7506R95 filter, N750015 filter holder and N750027 filter cover</p> |
|--|---|--|--|



## Accessories

|  |   |  |  |   |
|--|---|--|--|---|
|  <p><b>N750035</b></p> <p>Adapter for assembly of 75FFP100 and 75FFP100NL Pancake Filters to gas and vapor cartridges, (except Defender™)</p> |  <p><b>N750036</b></p> <p>Filter Retainer for 7506N95, 7506N99 and 7506R95 Filters when used with gas and vapor cartridges; includes two ea N750027 filter covers and two ea N750038 filter supports</p> |  <p><b>N750037</b></p> <p>Filter Retainer for 7506N95, 7506N99 and 7506R95 Filters when used directly on facepiece; includes two ea N750027 filter covers and two ea N750015 filter holders</p> |  <p><b>N750029</b></p> <p>Black Shower Cap for 7580P100 and all North filter cartridge combinations to protect filter from decontamination spray</p> |  <p><b>N750029C</b></p> <p>Clear Shower Cap for 7580P100 Filter and all North filter cartridge combinations to protect from decontamination spray and sparks from welding and grinding</p> |
|--|---|--|--|---|








## Cartridges And Filters for Powered Air-Purifying Respirators (PAPR)






|   |  |   |   |   |  |
|---|--|---|---|---|--|
|  <p><b>4001</b></p> <p>Label Color: Black</p> <p>Organic Vapor Cartridge</p> |  <p><b>4003</b></p> <p>Label Color: Yellow</p> <p>Organic Vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Hydrogen Sulfide) and Formaldehyde Cartridge</p> |  <p><b>4001HE</b></p> <p>Label Color: Black and Magenta</p> <p>Organic Vapor Cartridge with HEPA (High Efficiency Particulate Air-purifying) filter, (99.97% minimum filter efficiency) for all particulates</p> |  <p><b>4003HE</b></p> <p>Label Color: Yellow and Magenta</p> <p>Organic Vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Hydrogen Sulfide) and Formaldehyde Cartridge with HEPA (High Efficiency Particulate Air-purifying) filter, (99.97% minimum filter efficiency) for all particulates</p> |  <p><b>4004HE</b></p> <p>Label Color: Green and Magenta</p> <p>Ammonia and Methylamine Cartridge with HEPA (High Efficiency Particulate Air-purifying) filter, (99.97% minimum filter efficiency) for all particulates</p> |  <p><b>40HE</b></p> <p>Label Color: Magenta</p> <p>HEPA (High Efficiency Particulate Air-purifying) filter, 99.97% minimum filter efficiency for all particulates</p> |
|---|--|---|---|---|--|

# 3m Filter & Cartridge Selection Reference Guide









## Cartridges And Filters for Air-Purifying Respirators







### Gas And Vapor Cartridges

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|    |    |    |    |
| <p><b>3M 6001</b></p> <p>Label Color: Black</p> <p></p> <p>Organic Vapor</p> | <p><b>3M 6002</b></p> <p>Label Color: White</p> <p></p> <p>Chlorine, Hydrogen Chloride, and Sulfur Dioxide or Chlorine Dioxide or Hydrogen Sulfide</p> | <p><b>3M 6003</b></p> <p>Label Color: Yellow</p> <p></p> <p>Certain Organic Vapors, Chlorine, Hydrogen Chloride, and Sulfur Dioxide or Hydrogen Sulfide or Hydrogen Fluoride</p> | <p><b>3M 6004</b></p> <p>Label Color: Green</p> <p></p> <p>Ammonia and Methylamine</p> |

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|   |   |    |
| <p><b>3M 6009S</b></p> <p>Label Color: Orange</p> <p></p> <p>Mercury Vapor, Chlorine and Sulfur Dioxide</p> | <p><b>3M 6005</b></p> <p>Label Color: Black and Olive</p> <p></p> <p>Formaldehyde and Certain Organic Vapors</p> | <p><b>3M 6006</b></p> <p>Label Color: Olive</p> <p></p> <p>Certain Organic Vapors, Chlorine, Chloridric Acid, Hydrogen Chloride, Chlorine Dioxide, Sulfur Dioxide, Hydrogen Sulfide (for escape), Ammonia/Methylamine, Formaldehyde or Hydrogen Fluoride</p> |



## Combination Gas & Vapor Cartridges with P100 Particulate Filters

|  |  |  |   |
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|   |   |    |    |
| <b>3M 60921</b><br>Label Color: Black and Magenta<br><br>Organic Vapor Cartridge with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | <b>3M 60922</b><br>Label Color: White and Magenta<br><br>Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Sulfide with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | <b>3M 60923</b><br>Label Color: Yellow and Magenta<br><br>Certain Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide, Hydrogen Sulfide, Hydrogen Fluoride with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | <b>3M 60924</b><br>Label Color: Green and Magenta<br><br>Ammonia, Methylamine with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates |

|  |  |  |
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|   |   |    |
| <b>3M 60925</b><br>Label Color: Olive and Magenta<br><br>Formaldehyde and Certain Organic Vapors with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | <b>3M 60926</b><br>Label Color: Olive and Magenta<br><br>Certain Organic Vapors, Chlorine, Hydrogen Chloride, Chlorine Dioxide, Sulfur Dioxide, Hydrogen Sulfide, Ammonia/Methylamine, Formaldehyde, Hydrogen Fluoride with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates | <b>3M 60929S</b><br>Label Color: Orange and Magenta<br><br>Mercury Vapor, Chlorine, Sulfur Dioxide with a P100 Particulate Filter (99.97% minimum filter efficiency) for all particulates |



## Filters

|   |   |  |  |   |  |
|---|---|--|--|---|--|
|  <p><b>3M 2071<br/>P95</b></p> <p>Color: White</p> <p>95% of Particulates in environments containing certain oil and non-oil based particles</p> |  <p><b>3M 2076HF<br/>P95</b></p> <p>Color: White</p> <p>Hydrogen Fluoride and 95% of Particulates containing certain oil and non-oil based particles with relief against nuisance levels of acid gases</p> |  <p><b>3M 2078<br/>P95</b></p> <p>Color: White</p> <p>95% of Particulates containing certain oil and non-oil based particles with relief against nuisance levels of organic vapors, acid gases and ozone protection up to 10 times OSHA PEL</p> |  <p><b>3M 2091<br/>P100</b></p> <p>Color: Magenta</p> <p>99.97% of Particulates containing certain oil and non-oil based particles</p> |  <p><b>3M 2096<br/>P100</b></p> <p>Color: Magenta</p> <p>99.97% of Particulates containing certain oil and non-oil based particles with relief against nuisance levels of acid gases</p> |  <p><b>3M 2097<br/>P100</b></p> <p>Color: Magenta</p> <p>99.97% of Particulates containing certain oil and non-oil based particles with relief against nuisance levels of organic vapors and ozone protection up to 10 times OSHA PEL</p> |
|  <p><b>3M 2291<br/>P100</b></p> <p>Color: Magenta</p> <p>99.97% of Particulates containing certain oil and non-oil based particles</p>          |  <p><b>3M 2296<br/>P100</b></p> <p>Color: Magenta</p> <p>99.97% of Particulates containing certain oil and non-oil based particles with relief against nuisance levels of acid gases</p>                  |  <p><b>3M 2297<br/>P100</b></p> <p>Color: Magenta</p> <p>99.97% of Particulates containing certain oil and non-oil based particles with relief against nuisance levels of organic vapors</p>   |  <p><b>3M 7093<br/>P100</b></p> <p>99.97% of Particulates containing certain oil and non-oil based particles</p>                      |  <p><b>3M 7093C<br/>P100</b></p> <p>99.97% of Particulates containing certain oil and non-oil based particles with relief against nuisance levels of organic vapors and acid gases</p>  |  |

## Pre Filters, Accessories & Adapters

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|--|--|--|--|---|
|  <p><b>3M 5N11<br/>N95</b></p> <p>Color: White</p> <p>Pre filter for 95% of Particulates containing certain non-oil based particles</p> |  <p><b>3M 5P71<br/>N95</b></p> <p>Color: White</p> <p>Pre filter for 95% of Particulates containing certain oil and non-oil based particles</p> |  <p><b>3M 501</b></p> <p>Filter retainer used to hold 5N11 or 5P71 pre filters in place on top of 3M Respirator 5000 Series and 3M Cartridges 6000 Series</p> |  <p><b>3M 502</b></p> <p>Filter retainer used to attach 3M Particulate Filters 2000 Series, 2200 Series and 7093 to 3M Respirators 5000 Series and 3M Cartridges 6000 Series</p> |  <p><b>3M 603</b></p> <p>Filter Adapter used to connect 5000 Series Particulate Filters only to the respirator. Also requires 3M Filter Retainer 501</p> |
|--|--|--|--|---|