

## 3M™ Secure Click™ Hard Case P100 Particulate Filter, Hydrogen Fluoride, and Nuisance Level\* Organic Vapor and Acid Gas Relief, D9093C

### Product Description

The 3M™ Secure Click™ Hard Case P100 Particulate Filter, Hydrogen Fluoride, and Nuisance Level\* Organic Vapor and Acid Gas Relief, D9093C, is used with Secure Click facepieces to help provide protection against certain airborne contaminants.

### Key Features

- Hard case recommended for harsh environments with a need for easy decontamination and filter protection
- Hard case helps protect filter against sparks and high heat
- Filter case designed for certain spray applications
- Secure Click™ connection allows filters to be inserted into place for ease of assembly
- Swept-back design provides wide field of view
- Advanced Electret Media (AEM) provides lightweight, easy breathing comfort

### Approvals

NIOSH approved for hydrogen fluoride, as well as oil and non-oil-based particulates. At least 99.97% filtration efficiency against solid and liquid aerosols including oils.

### Storage

-20°C (-4°F) to +30°C (+86°F), <80%RH

### Shelf Life

5 years from date of manufacture

### Suggested Use

- Abatement
- Agriculture
- Construction
- General manufacturing
- Pharmaceuticals
- Primary metals
- Remediation

\*Nuisance level refers to concentrations not exceeding the U.S. OSHA permissible exposure limit (PEL) or applicable government occupational exposure limits, whichever is lower



## Material Composition

- Body: polystyrene
- Cover: polycarbonate
- Filter media: advanced electret media and activated carbon

## Country of Origin

- Made in Canada

Part Number	UPC	Pairs/box	Boxes/case	Each/case
D9093C	UU-0102-9179-5	6	5	60/case

## Use For:

- Solids, such as those from processing minerals, coal, iron ore, cotton, flour, and certain other substances
- Liquid or oil-based particles from sprays that do not also emit harmful vapors
- Metal fumes produced from welding, brazing, cutting and other operations involving heating of metals
- Hydrogen fluoride gas up to 10 times PEL. Acid gases such as Sulfur Dioxide and/or Chlorine below the OSHA PEL or applicable government standards, whichever is lower

## Do Not Use For:

- Gases and vapors other than hydrogen fluoride, when concentrations exceed the OSHA PEL, or applicable government standards, whichever is lower, including those present in paint spray operations
- Sandblasting
- Oxygen deficient atmospheres
- Concentrations that exceed:
  - 10 times the PEL with half facepiece, or
  - 10 times the PEL with full facepiece qualitatively fit tested, or
  - 50 times the PEL with full facepiece quantitatively fit tested, or
  - applicable government regulations, whichever is lower
- Unknown or IDLH environments

## Time Use Limitation

If filters become damaged, soiled, or breathing becomes difficult, leave the contaminated area immediately and replace the filters. If used in environments containing only oil aerosols, dispose of filters after 40 hours of use or 30 days, whichever is first. If used for hydrogen fluoride, replace filters in accordance with an established change schedule, or earlier if smell, taste or irritation from contaminants is detected.



## ⚠ WARNING

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. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of 29CFR1910.134, including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in injury, sickness or death.** For correct use, consult supervisor and User Instructions, or call 3M Technical Service in the USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

**Personal Safety Division**  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000

3M PSD products are  
occupational use only.

**In United States of America**  
Technical Service: 1-800-243-4630  
Customer Service: 1-800-328-1667  
[3M.com/workersafety](http://3M.com/workersafety)  
**In Canada**  
Technical Service: 1-800-267-4414  
Customer Service: 1-800-364-3577  
[3M.ca/Safety](http://3M.ca/Safety)

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