

MAXIMIZE SAFETY, SWAP YOUR PROTECTION

This quick guide highlights the full range of Dentec Safety filter cartridges designed for use with the Comfort-Air® half masks. Each cartridge is engineered to protect against specific airborne hazards—from particulates and organic vapors to acid gases and multi-vapor threats. Use this guide to find the right cartridge for your application and ensure you're choosing the best respiratory protection for your work environment.

Organic Vapor



Suitable for protection against:

Organic vapors (e.g. lacquer thinners, petroleum distillates, naphtha, acetone, isopropyl alcohol, toluene, Stoddard solvent).

- Use for: Painting, solvent handling, industrial cleaning, petrochemical work. Reliable, lightweight, and ideal for vapor-heavy environments.

Acid Gas & Chlorine Dioxide



Suitable for protection against:

Acid gases (e.g. chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, muriatic acid).

- Use for: Acid cleaning, etching, chemical processing, water treatment. Effective, reliable protection in corrosive gas environments.

Ammonia & Methylamine



Suitable for protection against:

Ammonia and methylamine vapors.

- Use for: Agricultural handling, chemical manufacturing, wastewater treatment. Targeted protection for environments with ammonia-based exposure. Targeted protection for environments with ammonia-based exposure.

Acid Gas & OV



Suitable for protection against:

Organic vapors and acid gases (e.g. chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide).

- Use for: Chemical processing, industrial cleaning, paint stripping, wastewater treatment. Versatile protection for mixed vapor and acid gas environments.

Multi-Vapor/ Gas



Suitable for protection against:

Organic vapors, acid gases, ammonia, methylamine, hydrogen fluoride, hydrogen sulfide, and formaldehyde.

- Use for: Hazardous material handling, chemical manufacturing, lab work, waste processing, high-risk chemical environments. Comprehensive protection for complex and high-risk chemical environments.

OV/P100



Suitable for protection against:

Organic vapors and oil/non-oil particulates (e.g. lacquer thinners, petroleum distillates, naphtha, acetone, isopropyl alcohol, toluene, Stoddard solvent)

- Use for: Painting, solvent handling, industrial cleaning, chemical manufacturing. Dual protection for vapor and particulate exposure in demanding environments.

Acid Gas & OV



Suitable for protection against:

Acid gases (e.g. chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, muriatic acid) and oil/non-oil particulates

- Use for: Acid cleaning, metal or concrete etching, chemical processing, wastewater treatment. High-efficiency particulate and acid gas protection for corrosive work environments.

Ammonia & Methylamine/ P100



Suitable for protection against:

Ammonia, methylamine, and oil/non-oil particulates

- Use for: Agricultural handling, chemical manufacturing, wastewater treatment
- Enhanced protection for ammonia-based environments with added particulate filtration.

Acid Gas & OV/ P100



Suitable for protection against: Acid gases, organic vapors, and oil/non-oil particulates

- Metal smelting, forging, steel mills, mining, post-mining operations. Rugged protection for heavy industry with combined gas, vapor, and particulate hazards

Multi-Vapor/ Gas/ P100



Suitable for protection against: Organic vapors, acid gases, ammonia, methylamine, hydrogen fluoride, hydrogen sulfide, formaldehyde, and oil/non-oil particulates.

- Chemical manufacturing, hazardous waste handling, lab work, industrial cleanup. All-in-one solution for broad-spectrum gas, vapor, and particulate protection in high-risk environment

PROTECT WITH DENTEC