742 Series Twin Cartridges

Balanced, lightweight and ergonomically designed with a low profile, the easy-breathing 742 series twin cartridges are designed for Scott’s Kit Promask 25, AV-2000, AV-3000 and Av-3000 SureSeal facepieces.

The 742 series twin cartridges were developed to provide optimal respiratory protection in extremely industrial or hazardous environments. A full range of high-impact particulate, chemical or combination cartridges are available. All attach directly to XCEL Halfmask and Promask 25 full facepiece. Uses 742 series twin cartridges interchangeably with Scott’s line of SCBA, Supplied Air, PAPR and APR respirators.

Scott Safety offers a range of facepieces that are low profile, the easy-breathing 742 Series twin cartridges are interchangeable with Scott’s line of SCBA, Supplied Air, PAPR and APR respirators. Having a single facepiece for all respiratory applications helps ensure reliable inventory control, fit testing and easier training for minimal cost of ownership.

SureSeal Cartridge Calculator

The SureSeal Cartridge Calculator is a user-friendly, web-based program that helps users select the right cartridge for the environment at hand and generate a change-out schedule for their respirator protection program.

Users can search by contaminant name, CAS or formula and find the fast return list of all Scott respiratory products that provide acceptable protection. From there, cartridges can be selected and the service life can be calculated.

- Assist in respirator and cartridge selection
- Calculates accurate service life by accounting for site conditions such as temperature and humidity
- Comprehensive reports with site-specific data

www.ScottSurelife.com

Promask 25

Lightweight full facepiece with wide field of vision
- Polycarbonate and hard-coated polycarbonate scratch-resistant lens options
- Large speech diaphragm for superior voice intelligibility
- 5 in H2S, with Poly or Rubber Head Harness options

XCEL Halfmask

- Form-fitting and easy to don
- Four slots to ensure excellent fit
- Optional valved mouthpiece for clear communication
- HS version with P100 approved for healthcare use

Facepieces with Top Down Convertibility

- Adapters enable facepieces to be used in a variety of applications (SCBA, CBRN APR, PAPR)
- 742 series quarter-turn adapter (shown) enables facepieces to be used with 742 series twin cartridges
- All adapters attach with a single quarter turn, making training easy across all applications

Facepieces for APR only

- Kevlar head harness
- Small/Medium

Facepiece Assembly with Voicemitter

- XCEL halfmask is available in probe configurations
- Cotton and cloth, sold separately

Fit Testing Accessories

- Bitrex Qualitative Fit Test Kit
- Quantitative Fit Test Adapter Kit (use with 7422 FP1)
- Hardcoat Lens, Small
- Hardcoat Lens, Medium/Large
- Fit Testing Accessories
- Prescription Lens Kits

Particulate Filter Accessories

- Box of 5 pairs of 7422-FG1 (Filter Cover + Gasket)
- Cover attaches N95 to chemical cartridge.
- Particulate, P100 Filter (80 pair of 7422-FP1)
- Available for all facepieces. Options and part numbers vary by facepiece.
- Multipurpose/P100
- Large
- Small
- Medium
- Organics, Acid Gas/P100
- Large
- Small
- Medium
- Ammonia, Methylamine/P100
- Large
- Small
- Medium
- Organic vapor/Acid Gas/P100
- Large
- Small
- Medium
- Mercury Vapor/Chlorine (w/ ESLI)
- Large
- Medium
- Small
- Formaldehyde/P100
- Medium
- Small
- Formaldehyde
- Large
- Small
- Medium
- Acetic Acid/P100
- Medium
- Small
- Medium
- Chlorine/P100
- Medium
- Small
- Medium
- Hydrogen Chloride/P100
- Medium
- Small
- Medium
- Hydrogen Fluoride/P100
- Medium
- Small
- Medium
- Hydrogen Sulfide/P100
- Medium
- Small
- Medium
- Hydrogen Selenide/P100
- Medium
- Small
- Medium
- Hydrogen Sulfur Dioxide/P100
- Medium
- Small
- Medium
- Hydrogen Sulfite/P100
- Medium
- Small
- Medium
- Hydrogen Telluride/P100
- Medium
- Small
- Medium
- Isoamyl Ether/P100
- Medium
- Small
- Medium
- Isobutylene/P100
- Medium
- Small
- Medium
- Isobutanol/P100
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- Isobutyl Alcohol/P100
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- Isopropyl Alcohol/P100
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<table>
<thead>
<tr>
<th>742 SERIES CARTRIDGES</th>
<th>HAZARD CODE</th>
<th>APPROVED FOR RESPIRATORY PROTECTION AGAINST ATMOSPHERES CONTAINING THESE RESPIRATORY HAZARDS</th>
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</thead>
</table>
| 742-2A1 Acid Gas | Particulate: Acid gas (AG) Acid gases (OV) | Acid gases (AG) Acids | \( X \) \( X \) Acid gases (OV) Acids | \( X \)
| 742-2B1 Ammonia/Methylamine | Particulate: Ammonia/Methylamine | Acid gases (AG) Acids | \( X \) \( X \) Ammonia/Methylamine | \( X \)
| 742-2C1 Acid Gas | Particulate: Acid gas (AG) Acids | Acid gases (AG) Acids | \( X \) \( X \) Acid gases (AG) Acids | \( X \)
| 742-2D1 Ammonia/Methylamine | Particulate: Ammonia/Methylamine | Acid gases (AG) Acids | \( X \) \( X \) Ammonia/Methylamine | \( X \)
| 742-2E1 Formaldehyde | Particulate: Formaldehyde | Acid gases (AG) Acids | \( X \) \( X \) Formaldehyde | \( X \)
| 742-2F1 Formaldehyde/Paraffin | Particulate: Formaldehyde | Acid gases (AG) Acids | \( X \) \( X \) Formaldehyde/Paraffin | \( X \)
| 742-2G1 Ammonia/Methylamine | Particulate: Ammonia/Methylamine | Acid gases (AG) Acids | \( X \) \( X \) Ammonia/Methylamine | \( X \)
| 742-2H1 Methanol | Particulate: Methanol | Acid gases (AG) Acids | \( X \) \( X \) Methanol | \( X \)
| 742-2I1 Methanol | Particulate: Methanol | Acid gases (AG) Acids | \( X \) \( X \) Methanol | \( X \)
| 742-2J1 Methanol | Particulate: Methanol | Acid gases (AG) Acids | \( X \) \( X \) Methanol | \( X \)

**FACEPIECES WITH TOP DOWN CONVERTIBILITY**

- N95 FILTER: Use with filter cover and retainer (7422-FE1), or use with filter cover (7422-FC1) to snap onto any chemical cartridge. PN: 7422-FE1 (case = 7422-FE4)
- P100 FILTERS: Particulate Protection. PN: 7422-FP1
- STANDARD CHEMICAL CARTRIDGE WITH P100: PN: 7422-A
- STANDARD COMBINATION CARTRIDGE WITH P100: PN: 7422-IA1

**742 SERIES ADAPTER (QUARTER TURN)**

When using your Top Down Convertible facepieces, this adapter is used to attach 742 series cartridges to the facepiece. PN: 805622-01

**ACCESSORIES AND ADAPTERS**

- N95 FILTER COVER AND RETAINER: Reusable cover and retainer holds the N95 filter for standalone use. PN: 7422-FE1 (shown) (case = 7422-FE4)
- N95 FILTER COVER: Reusable cover attaches N95 filter to a chemical cartridge (as shown). PN: 7422-FC1 (shown) (case = 7422-FC4)
- N95 FILTER COVER: Includes filter cover and gasket. Use with 742 series chemical cartridge to facilitate negative pressure hair check. PN: 7422-FG1 (shown) (case = 7422-FG4)
- CARTRIDGE WITH P100 PLUS SIZE COMBINATION: PN: 7422-FG1 (shown) (case = 7422-FG4)
- CHEMICAL CARTRIDGE STANDARD: PN: 7422-FP1
- CHEMICAL CARTRIDGE: PN: 7422-FN1 (case = 7422-FN5)
- PROMASK 25: Lightweight facepiece with side field vision. Polyurethane and hard-coated polycarbonate (scratch-resistant) lens options
- XCEL HALFMASK: Form-fitting and easy to don. Four sizes to ensure excellent fit. Optional visor for clear communication. IV version with P100 approved for healthcare use
- 742 SERIES FIT TEST ADAPTER: P1 test graded adapters are available for quantitative fit testing of AV-Series facepieces (use with the 742 Series Quarter Turn Adapter) or the Promask 25 or Xcel Facepiece. PN: 7422-FT1

**CAUTIONS, LIMITATIONS AND WARNING SIGNS**

Air-purifying respirators are for use only in environments where the identity and/or the concentration of the contaminant is known. They are not intended for use in immediate dangerous to life or health (IDLH) or in atmospheres where the identity and/or the concentration of the contaminant is unknown.