

AIR-PURIFYING RESPIRATORS

742 SERIES TWIN CARTRIDGES



AV-3000 HT



AV-3000 WITH
SURESEAL



AV-2000



WELD-O-VISTA



PROMASK 25



AVIVA HALF MASK

SUPPORTED BY SURELIFE CARTRIDGE CALCULATOR
Available at www.ScottSureLife.com



AIR-PURIFYING RESPIRATORS

742 SERIES TWIN CARTRIDGES

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Balanced, lightweight and ergonomically designed with a low profile, the easy-breathing 742 Series twin cartridges are developed for Scott's AVIVA, XCEL, Promask 25, Weld-O-Vista, AV-2000, AV-3000, AV-3000 SureSeal, and AV-3000 HT facepieces.

The 742 Series twin cartridges were designed to provide optimal respiratory protection in non-IDLH industrial or HAZMAT situations. A full range of NIOSH-approved particulate, chemical or combination cartridges are available. Attaches directly to AVIVA and XCEL half masks and Promask 25 full facepiece. Uses 742 Series quarter-turn adapter when used with AV-Series facepieces.



- Use with Scott Safety half and full facepieces to streamline inventory and training needs
- Quarter-turn bayonet connection is easy to use
- Chemical cartridges offer lowest profile, weight and breathing resistance to reduce user fatigue
- Plus Size cartridges available for extended service life
- Free access to SureLife Cartridge Calculator for assistance with respirator selection and cartridge service life estimation



SURELIFE CARTRIDGE CALCULATOR

The SureLife Cartridge Calculator is an easy-to-use, web-based program that helps users select the right cartridge for the environmental hazard and generate a changeout schedule for their respiratory protection program.

Users can search for the contaminant by name, CAS or formula and the tool will return a list of all Scott respirators that provide acceptable protection. From there, cartridges can be selected and service life reports are generated.

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

FACEPIECES WITH TOP-DOWN CONVERTIBILITY



AV-3000 HT

- Approved with NFPA 2013, 2007, and 2002 Edition Air-Paks
- Single facepiece for APR, PAPR, Supplied Air and SCBA applications
- Innovative materials provide enhanced thermal durability and improved wearer safety



AV-3000 WITH SURESEAL

- Market leading facepiece with reverse reflex face seal for superior fit and comfort
- Single facepiece for APR, PAPR, Supplied Air and SCBA applications
- Large dual voicemitters and extensive communication options



AV-2000

- Original AV-style facepiece
- Single facepiece for APR, PAPR, Supplied Air and SCBA applications
- Dual voicemitters and electronic communication options



WELD-O-VISTA

- AV-2000 platform with flip-up welding visor
- APR, PAPR, Supplied Air and SCBA approved applications
- Heat, splatter and impact-resistant lens for maximum protection



FACEPIECE ADAPTERS FOR TOP-DOWN CONVERTIBILITY

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

All facepieces are available in multiple sizes with Kevlar®, Polyester or Rubber Head Harness options. AV-3000 HT is available in Kevlar only.



TOP-DOWN CONVERTIBILITY

Scott Safety offers a range of facepieces that are interchangeable with Scott's line of SCBA, Supplied Air, PAPR and APR respirators. Having a single facepiece for all respiratory applications helps ensure reduced facepiece inventory, reduced fit testing and easier training for overall reduced cost of ownership.

TOP-DOWN
CONVERTIBILITY



FACEPIECES FOR APR ONLY



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



AVIVA HALF MASK

- Hybrid reflex seal absorbs facial movements, maintaining protection
- Integrated speech panel for enhanced voice intelligibility
- Easy-to-use positive user seal check mechanism

SCOTT
SAFETY

ORDERING INFORMATION*

AV-3000 HT Facepiece	
Part Number	Size
Kevlar Head Harness	
201215-01	Small
201215-02	Large
201215-03	X-Large

AV-3000 Facepiece with SureSeal	
Part Number	Size
Kevlar Head Harness	
805773-81	Small
805773-82	Medium
805773-83	Large
Polyester Head Harness	
805774-81	Small
805774-82	Medium
805774-83	Large
Rubber Head Harness	
805775-81	Small
805775-82	Medium
805775-83	Large

AV-2000 Facepiece	
Part Number	Size
Kevlar Head Harness	
804191-71	Small
804191-72	Large
804191-73	X-Large
804191-74	Comfort Seal
Polyester Head Harness	
804069-19	Small
804069-20	Large
804069-21	X-Large
804069-28	Comfort Seal

Weld-O-Vista Facepiece	
Part Number	Size
Kevlar Head Harness	
805438-01	Small
805438-02	Large
805438-03	X-Large
805438-08	Comfort Seal

Promask 25 Facepiece	
Part Number	Description
Rubber Head Harness	
013024	Polycarbonate Lens, Reg M/L
013027	Polycarbonate Lens, Small
013063	Hardcoat Lens, Reg M/L
013067	Hardcoat Lens, Small
Polyester Head Harness	
013023	Polycarbonate Lens, Reg M/L
013028	Polycarbonate Lens, Small
013064	Hardcoat Lens, Reg M/L
013068	Hardcoat Lens, Small

AVIVA Half Mask	
Part Number	Size
Resealable Plastic Bag	
8000102	Small
8000103	Medium
8000104	Large

Chipboard Box	
Part Number	Size
8005229	Small
8005230	Medium
8005231	Large

Plastic Tub Ready-Pak	
Part Number	Description
8005490	Small (with 1 set of 7422-FP1 Filters)
8005491	Medium (with 1 set of 7422-FP1 Filters)
8005492	Large (with 1 set of 7422-FP1 Filters)

742 Series Twin Cartridges	
Part Number	Description
Filter Pairs	
7422-WA1	Acid Gas
7422-WB1	Acid Gas/P100
7422-GA1	Ammonia/Methylamine
7422-GB1	Ammonia/Methylamine/P100
7422-MA1	Mercury Vapor/Chlorine (w/ ESLI)
7422-MB1	Mercury Vapor/Chlorine/P100 (w/ ESLI)
7422-SC1	Multipurpose
7422-SD1	Multipurpose/P100
7422-CD1	Multipurpose/P100 + Tear Gas (CS/CN)
7422-BA1	Organic Vapor
7422-BB1	Organic Vapor/P100
7422-YC1	Organic Vapor/Acid Gas
7422-YD1	Organic Vapor/Acid Gas/P100
7422-FP1	Particulate, P100 Filter
7422-FN5	Particulate, N95 Filter (50 pair of 7422-FN1)
7422-PD1	TEDA (radioiodine), Chlorine/P100

Accessories	
Part Number	Description
Facepiece Accessories	
805622-01	742 Series Twin Cartridge 1/4 Turn Adapter
012698	Lens Cover, Package of 10 (AV-3000, Promask)
803941-25	Lens Cover, Package of 25 (AV-2000)
31001876	Wescodyne Plus, 16 oz with spray attachment (6 Bottles)**
805534-01	Fleece Facepiece Bag

Prescription Lens Kits
Available for all facepieces. Options and part numbers vary by facepiece.

Particulate Filter Accessories	
Part Number	Description
7422-FC4	N95 Filter Cover, Reusable (5 pair of covers, 7422-FC1). Cover attaches N95 to chemical cartridge.
7422-FE4	N95 Filter Cover with Retainer, Reusable (5 pair of 7422-FE1). Holds the N95 filter for stand alone use.

Fit Check Seal Kit	
Part Number	Description
7422-FG4	Box of 5 Pair of 7422-FG1 (Filter Cover + Gasket)

Fit Testing Accessories	
Part Number	Description
7422-FT1	Quantitative Fit Test Adapter Kit (use with 7422 FP1)
2017070	Bitrex Qualitative Fit Test Kit
8005228	AVIVA Plastic Bag Probed Version (Case of 3-1S, 1M, 1L)

*For additional facepieces or accessories, contact Scott Safety.

**Wescodyne is recommended for cleaning and disinfecting AV-Series facepieces. To learn more, call your Scott regional manager or authorized distributor. Kevlar is a registered trademark of E.I. Du Pont de Nemours and Company. H/S 6411C_EN 3/17 ISO 9001 Registered. All rights reserved. Scott technical support or customer service: 1-800-247-7257

AIR-PURIFYING RESPIRATORS

SELECTION GUIDE FOR 742 SERIES TWIN CARTRIDGES



742 SERIES CARTRIDGES		HAZARD CODE	APPROVED FOR RESPIRATORY PROTECTION AGAINST ATMOSPHERES CONTAINING THESE RESPIRATORY HAZARDS							
			PARTICULATE	ACID GASES (AG)	ORGANIC VAPORS (OV)	AMMONIA/METHYLAMINE	FORMALDEHYDE	MERCURY VAPOR/CHLORINE	TEDA/CHLORINE	TEAR GAS (CS/CN)
7422-WA1	Acid Gas			●						
7422-WB1	Acid Gas/P100		●	●						
7422-GA1	Ammonia/Methylamine					●				
7422-GB1	Ammonia/Methylamine/ P100		●			●				
7422-MA1	Mercury Vapor/Chlorine (w/ ESLI)							●		
7422-MB1	Mercury Vapor/Chlorine P100 (w/ ESLI)		●					●		
7422-SC1	Multipurpose			●	●	●	●			
7422-SD1	Multipurpose/P100		●	●	●	●	●			
7422-CD1	Multipurpose/P100 + Tear Gas (CS/CN)		●	●	●	●	●			●
7422-BA1	Organic Vapor				●					
7422-BB1	Organic Vapor/P100		●		●					
7422-YC1	Organic Vapor/Acid Gas			●	●		●			
7422-YD1	Organic Vapor/Acid Gas/P100		●	●	●		●			
7422-FP1	Particulate, P100		●							
7422-FN1 WITH 7422-FE1	Particulate, N95 Filter with retainer and cover		●							
7422-PD1	TEDA (radioiodine), Chlorine/P100							●		

742 Series twin cartridge APR respirators. Color key below.

ACID GAS (AG) Approved for respiratory protection against atmospheres containing chlorine, chlorine dioxide, hydrogen chloride, hydrogen flouride, hydrogen sulfide or sulfur dioxide*	MERCURY VAPOR/CHLORINE (HGCL) Approved for respiratory protection against atmospheres containing chlorine or mercury vapor.* End-of-Service Life Indicator (ESLI) detects mercury vapors only.	P100 Particulate filter effective against all particulate aerosols. This filter has an efficiency level of 99.97%.
AMMONIA/METHYLAMINE (AM) Approved for protection against atmospheres containing ammonia or methylamine*	MULTI-PURPOSE CARTRIDGE (MPC) Approved for respiratory protection against atmospheres containing ammonia, chlorine, chlorine dioxide, formaldehyde, hydrogen chloride, hydrogen fluoride, hydrogen sulfide, methylamine, organic vapors or sulfur dioxide*	N95 Particulate filter effective against all particulate aerosols free of oils; time use restrictions may apply. This filter has efficiency level of 95%.
FORMALDEHYDE (FM) Approved for respiratory protection against atmospheres containing formaldehyde*	ORGANIC VAPORS/ACID GASES (OA) Approved for respiratory protection against atmospheres containing chlorine, chlorine dioxide, formaldehyde, hydrogen chloride, hydrogen fluoride, hydrogen sulfide, organic vapors or sulfur dioxide*	TEDA (radioiodine)/CHLORINE/P100 Scott recommends this cartridge pair, for respiratory protection in atmospheres containing radioiodine compounds (including Iodine, hypoiodous acid and methyl iodide) and noxious particles and radionuclides bound to, or part of, those noxious particles.

For technical support or customer service, call 1-800-247-7257. For assistance with respirator or cartridge selection, or to calculate service life, visit www.ScottSureLife.com.

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CAUTIONS, LIMITATIONS AND WARNING SIGNS

AIR PURIFYING RESPIRATORS ARE FOR USE ONLY IN ENVIRONMENTS WHICH ARE NOT IMMEDIATELY DANGEROUS TO LIFE OR HEALTH (IDLH) WHERE THE OXYGEN LEVELS ARE ABOVE 19.5%.

For a full NIOSH-certified equipment list, visit <http://www.cdc.gov/niosh/nppt/topics/respirators/cel>.

Kevlar is a registered trademark of E.I. Du Pont de Numours and Company.

*Do not exceed maximum use concentrations established by regulatory standards. In the absence of a contaminant standard, refer to the NIOSH Respirator Decision Logic publication. WARNING: Improper use of these respirators may result in personal injury or death. Improper use includes, but is not limited to, use without adequate training, disregard of the warnings and instructions and failure to inspect and maintain these respirators. These respirators are intended to be used in conjunction with an organized respiratory protection program which complies with the requirements of American National Standard for Respiratory Protection, Z88.2-1992, available from American National Standards Institute Inc., 11 West 42nd Street, New York, NY 10036 or the requirements of OSHA Safety and Health Standard 29 CFR 1910.134 and/or 29 CFR 1910.139 available from the U.S. Department of Labor, Occupational Safety and Health Administration or other pertinent nationally recognized standards, such as those promulgated by the U.S. Coast Guard or the Department of Defense or in Canada, CSA Z94.4:1993. These respirators are not intended for use in atmospheres which are, or may become, immediately dangerous to life or health (IDLH) or in atmospheres where the identity and/or the concentration of the contaminant is unknown.

742 SERIES TWIN CARTRIDGES



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-FN1 (case = 7422-FN5)



P100 FILTERS
Particulate Protection
PN: 7422-FP1



STANDARD CHEMICAL CARTRIDGE
PN: 7422-1A1



STANDARD COMBINATION CARTRIDGE WITH P100
PN: 7422-1B1



PLUS SIZE CHEMICAL CARTRIDGE
PN: 7422-1C1



PLUS SIZE COMBINATION CARTRIDGE WITH P100
PN: 7422-1D1

** Refer to the Filter Matrix for specific part numbers*

FACEPIECES WITH TOP-DOWN CONVERTIBILITY



AV-3000 HT

- Approved with NFPA 2013, 2007, and 2002 Edition Air-Paks
- Single facepiece for APR, PAPR, Supplied Air and SCBA applications
- Innovative materials provide enhanced thermal durability and improved wearer safety



AV-3000 WITH SURESEAL

- Market leading facepiece with reverse reflex face seal for superior fit and comfort
- Single facepiece for APR, PAPR, Supplied Air and SCBA applications
- Large dual voicemitters and extensive communication options



AV-2000

- Original AV-style facepiece
- Single facepiece for APR, PAPR, Supplied Air and SCBA applications
- Dual voicemitters and electronic communication options



WELD-O-VISTA

- AV-2000 platform with flip-up welding visor
- APR, PAPR, Supplied Air and SCBA approved applications
- Heat, splatter and impact-resistant lens for maximum protection

All facepieces are available in multiple sizes with Kevlar®, Polyester or Rubber Head Harness options. AV-3000 HT is available in Kevlar only.

FACEPIECES FOR APR ONLY



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



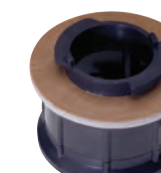
N95 FILTER COVER AND RETAINER
Reusable cover and retainer holds the N95 filter for standalone use.
PN: 7422-FE1 (shown) (case = 7422-FE4)



N95 FILTER COVER
Reusable cover attaches N95 filter to a chemical cartridge (as shown).
PN: 7422-FC1 (shown) (case = 7422-FC4)



FIT CHECK SEAL KIT
Includes filter cover and gasket. Use with 742 Series chemical cartridge to facilitate negative pressure leak check.
PN: 7422-FG1 (shown) (case = 7422-FG4)



742 SERIES FIT TEST ADAPTER
Fit test probed adapters are available for quantitative fit testing of AV-Series facepieces (use with the 742 Series Quarter Turn Adapter), Promask 25 facepiece, AVIVA half mask, or XCEL half mask.



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
- S or M/L with Poly or Rubber Head Harness options



AVIVA HALF MASK

- Hybrid reflex seal absorbs facial movements, maintaining protection
- Integrated speech panel for enhanced voice intelligibility
- Easy-to-use positive user seal check mechanism



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