

SELECTION GUIDE

FOR 742 SERIES CARTRIDGES

742 TWIN CARTRIDGES

Description Part No.
Acid Gas 7422-WAI
NIOSH Approval Number when used with:
XCEL™ Half-Facepiece TC-23C-2087
Scott Full-Facepieces TC-23C-2105

Respiratory Hazard Code:

Description Part No.
Ammonia Methylamine 7422-GAI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2088
Scott Full-Facepieces TC-23C-2106

Respiratory Hazard Code:

Description Part No.
Formaldehyde 7422-IAI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2094
Scott Full-Facepieces TC-23C-2107

Respiratory Hazard Code:

Description Part No.
Mercury Vapor/Chlorine with End-Of-Service Life Indicator (ESLI) 7422-ZAI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2100
Scott Full-Facepieces TC-23C-2108

Respiratory Hazard Code:

Description Part No.
Multi-Purpose 7422-SCI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2089
Scott Full-Facepieces TC-23C-2109

Respiratory Hazard Code:

Description Part No.
Organic Vapor 7422-BAI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2084
Scott Full-Facepieces TC-23C-2111

Respiratory Hazard Code:

Description Part No.
Organic Vapor/Acid Gas 7422-YCI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2090
Scott Full-Facepieces TC-23C-2110

Respiratory Hazard Code:

Description Part No.
P-100 Filter 7422-FPI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3388
Scott Full-Facepieces TC-84A-3397

Respiratory Hazard Code:

Description Part No.
Acid Gas with P-100 7422-WBI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3353
Scott Full-Facepieces TC-84A-3389

Respiratory Hazard Code:

Description Part No.
Ammonia Methylamine with P-100 7422-GBI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-82A-3354
Scott Full-Facepieces TC-82A-3390

Respiratory Hazard Code:

Description Part No.
Formaldehyde with P-100 7422-IBI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3360
Scott Full-Facepieces TC-84A-3391

Respiratory Hazard Code:

Description Part No.
Mercury Vapor/Chlorine with P-100 and End-Of-Service Life Indicator (ESLI) 7422-ZBI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3387
Scott Full-Facepieces TC-84A-3392

Respiratory Hazard Code:

Description Part No.
Multi-Purpose with P-100 7422-SDI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3355
Scott Full-Facepieces TC-84A-3393

Respiratory Hazard Code:

Description Part No.
Organic Vapor with P-100 7422-BBI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3357
Scott Full-Facepieces TC-84A-3395

Respiratory Hazard Code:

Description Part No.
Organic Vapor/Acid Gas with P-100 7422-YDI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3356
Scott Full-Facepieces TC-84A-3394

Respiratory Hazard Code:

Description Part No.
Triethylenediamine (TEDA) with P-100 7422-PDI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3358
Scott Full-Facepieces TC-84A-3396

Respiratory Hazard Code:

Description Part No.
N95 Stand-Alone Pre-Filter 7422-FN5
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3367
Scott Full-Facepieces TC-84A-3413

Respiratory Hazard Code:

Description Part No.
R95 Stand-Alone Pre-Filter 7422-FR2
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3346
Scott Full-Facepieces TC-84A-3405

Respiratory Hazard Code:

Description Part No.
Fit Check Enclosure 7422-FG4
Includes Filter Cover with Sealing Gasket to facilitate seal checks.

Respiratory Hazard Code:

Description Part No.
N95 R95 Filter Holder and Cover 7422-FE4
The filter holder and cover are used to attach the N95 or R95 to the Xcel Half-Facepiece.

Respiratory Hazard Code:

Description Part No.
Quarter Turn Adapter 805622-01
The Quarter Turn Adapter is used to attach 742 Series Cartridges to the AV-2000®, Scott-O-Vista™ and Weld-O-Vista™ Full-Facepieces.

Respiratory Hazard Code:

Description Part No.
Fit Test Adapter (Quarter Turn) 7422-FTI
Fit test probed adapters are available to quantitatively fit test the AV-2000®/Scott-O-Vista™ with the quarter turn adapter installed, Promask 25 or the Xcel™.

Respiratory Hazard Code:

742 PLUS CARTRIDGES

Description Part No.
Acid Gas 7422-WCI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2126
Scott Full-Facepieces TC-23C-2129

Respiratory Hazard Code:

Description Part No.
Ammonia Methylamine 7422-GCI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2127
Scott Full-Facepieces TC-23C-2130

Respiratory Hazard Code:

Description Part No.
Organic Vapor 7422-BCI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-23C-2128
Scott Full-Facepieces TC-23C-2131

Respiratory Hazard Code:

Description Part No.
Acid Gas with P-100 7422-WDI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3626
Scott Full-Facepieces TC-84A-3635

Respiratory Hazard Code:

Description Part No.
Ammonia Methylamine with P-100 Filter 7422-GDI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3629
Scott Full-Facepieces TC-84A-3638

Respiratory Hazard Code:

Description Part No.
Organic Vapor with P-100 Filter 7422-BDI
NIOSH Approval Number when used with:
XCEL Half-Facepiece TC-84A-3632
Scott Full-Facepieces TC-84A-3641

Respiratory Hazard Code:

NIOSH Approval Applying to Scott 742 Series Cartridge Respirators and color key as noted below.

<input type="checkbox"/> ACID GAS (AG) - Approved for respiratory protection against atmospheres containing Chlorine, Chlorine Dioxide, Hydrogen Chloride, Hydrogen Fluoride, Sulfur Dioxide, or FOR ESCAPE ONLY FROM Hydrogen Sulfide.*	<input type="checkbox"/> ORGANIC VAPORS/ACID GASES (OA) - Approved for respiratory protection against atmospheres containing Chlorine, Chlorine Dioxide, Formaldehyde, Hydrogen Chloride, Organic Vapors, Sulfur Dioxide, or FOR ESCAPE ONLY FROM Hydrogen Sulfide.*
<input type="checkbox"/> AMMONIA/METHYLAMINE (AM) - Approved for protection against atmospheres containing Ammonia or Methylamine.*	<input type="checkbox"/> ORGANIC VAPORS (OV) - Approved for respiratory protection against atmospheres containing Organic Vapors.*
<input type="checkbox"/> FORMALDEHYDE (FM) - Approved for respiratory protection against atmospheres containing Formaldehyde.*	<input type="checkbox"/> P-100 - Particulate filter for all particulate aerosols which may contain oil. This filter has an efficiency level of 99.97%.
<input type="checkbox"/> MERCURY VAPOR/CHLORINE (HCL) - Approved for respiratory protection against atmospheres containing Chlorine or Mercury Vapor. End-of-Service Life Indicator (ESLI) detects Mercury Vapors only. NOTE: MERCURY VAPOR CARTRIDGES ARE NOT NIOSH APPROVED FOR USE ON PROMASK 25 FULL FACEPIECES.	<input type="checkbox"/> TRIETHYLENEDIAMINE (TEDA) - Scott recommends this cartridge pair, Part No. 7422-FDI (Stock No. 7422-TEDA-P-100) for respiratory protection in atmospheres containing Radioiodine compounds (including Iodine, Hypoiodous Acid and Methyliodide) and Noxious Particles and Radionuclides bound to, or part of, those noxious particles.
<input type="checkbox"/> MULTI-PURPOSE CARTRIDGE (MPC) - Approved for respiratory protection against atmospheres containing Ammonia, Chlorine, Chlorine Dioxide, Formaldehyde, Hydrogen Chloride, Hydrogen Fluoride, Methylamine, Organic Vapors, Sulfur Dioxide, or FOR ESCAPE ONLY FROM Hydrogen Sulfide.*	

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AV-3000™
Full-Facepiece



AV-2000®
Full-Facepiece



Scott-O-Vista®
Full-Facepiece



Weld-O-Vista™
Full-Facepiece



Promask 25
Full-Facepiece



Xcel
Half-Facepiece

AV-3000® Ordering Information

Head Harness	Size	EPDM Rubber Face Seal
Kevlar®	Small	805773-01
	Medium	805773-02
	Large	805773-03
	Small (grey nosecup)	805773-71
	Medium (grey nosecup)	805773-72
Polyester	Small	805774-01
	Medium	805774-02
	Large	805774-03
4-Point Rubber	Small	805775-01
	Medium	805775-02
	Large	805775-03
	Comfort Seal	805775-04

AV-2000® Ordering Information

Head Harness	Size	EPDM Rubber	Silicone
Kevlar	Small	804091-01	804091-11
	Large	804091-02	804091-12
	X-Large	804091-03	804091-13
	Comfort Seal	804091-08	804091-18
	Small (grey nosecup)	804091-71	804091-72
Polyester	Small	804091-71	804091-72
	Medium	804091-72	804091-73
	Large	804091-73	804091-74
4-Point Rubber	Small	804069-01	804069-11
	Large	804069-02	804069-12
	X-Large	804069-03	804069-13
	Comfort Seal	804069-08	804069-18

Scott-O-Vista® Ordering Information

Head Harness	Size	EPDM Rubber	Silicone
Kevlar	Small	804068-01	804068-11
	Large	804068-02	804068-12
	X-Large	804068-03	804068-13
	Comfort Seal	804068-08	804068-18
	Small (grey nosecup)	804067-01	804067-11
Polyester	Small	804067-01	804067-11
	Large	804067-02	804067-12
	X-Large	804067-03	804067-13
4-Point Rubber	Small	804067-08	804067-18
	Large	805258-01	805258-11
	X-Large	805258-02	805258-12
	Comfort Seal	805258-03	805258-13

Weld-O-Vista™ Ordering Information

Head Harness	Size	EPDM Rubber	Silicone
Kevlar	Small	805438-01	805438-11
	Large	805438-02	805438-12
	X-Large	805438-03	805438-13
	Comfort Seal	805438-08	805438-18
	Small (grey nosecup)	805438-21	805438-31
Polyester	Small	805438-21	805438-31
	Large	805438-22	805438-32
	X-Large	805438-23	805438-33
4-Point Rubber	Small	805438-28	805438-38
	Large	805438-41	805438-51
	X-Large	805438-42	805438-52
	Comfort Seal	805438-48	805438-58
4-Point Rubber w/ Hood Kit	Small	805438-61	805438-71
	Large	805438-62	805438-72
	X-Large	805438-63	805438-73
	Comfort Seal	805438-68	805438-78

Promask 25 Ordering Information

Description	Part Number
Promask 25, M/L, Rubber Harness, Polycarbonate Lens	03024
Promask 25, M/L, Rubber Harness, Hardcoat Lens	03063
Promask 25, S, Rubber Harness, Polycarbonate Lens	03027
Promask 25, S, Rubber Harness, Hardcoat Lens	03067
Lens Cover, Package of 10	02698
Speacle Kit	02798

XCEL™ Ordering Information

Xcel Half-Facepiece	Single Xcel	Box of 20
Assembly, Small	7421-111	7421-211
Assembly, Small/Medium	7421-112	7421-212
Assembly, Medium/Large	7421-113	7421-213
Assembly, Large	7421-114	7421-214
Assembly, Small w/Voicemitter	7421-11V	7421-21V
Assembly, Small/Medium w/Voicemitter	7421-112V	7421-212V
Assembly, Medium/Large w/Voicemitter	7421-113V	7421-213V
Assembly, Large w/Voicemitter	7421-114V	7421-214V

Scott Full-Facepieces include the AV-3000®, AV-2000®, Scott-O-Vista™, Weld-O-Vista™ and Promask 25. AIR PURIFYING RESPIRATORS ARE FOR USE ONLY IN ENVIRONMENTS WHICH ARE NOT IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH) WHERE THE OXYGEN LEVELS ARE ABOVE 19.5%. *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, Z89.2-1992 available from American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10018 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.