

642 TWIN CARTRIDGES

PART #	RESPIRATORY HAZARD	CARTRIDGES	FILTER	FILTER ENCLOSURE
10010790	Filter Enclosure			
805180-02	N95 Stand-Alone Pre-Filter			
68214	Filter Holder			
804661	P-100 Filter			
803669	Acid Gas			
804990	Acid Gas w/ P-100			
803670	Ammonia/ Methylamine			
804991	Ammonia/ Methylamine w/ P-100			
805115	Mercury Vapor/ Chlorine w/ End-of-Service Life Indicator (ESLI)			
805116	Mercury Vapor/ Chlorine w/ End-of-Service Life Indicator (ESLI) & P-100			
804675	Multi-Purpose			
804901	Multi-Purpose w/ P-100			
803671	Organic Vapor			
804992	Organic Vapor w/ P-100			
803672	Organic Vapor/ Acid Gas			
804993	Organic Vapor/ Acid Gas w/ P-100			
804994	Triethylenediamine/ Chlorine w/ P-100			

CODE	KEY	NIOSH Approval Applying to Scott 642 Twin Cartridge Respirators as noted below.
AG	○	ACID GAS - Approved for respiratory protection against atmospheres containing Chlorine, Hydrogen Chloride, Sulfur Dioxide, Formaldehyde, Chlorine Dioxide or FOR ESCAPE ONLY FROM Hydrogen Sulfide.*
AM	●	AMMONIA/ METHYLAMINE - Approved for respiratory protection against atmospheres containing Ammonia or Methylamine.*
HGCL	●	MERCURY VAPOR/ CHLORINE(HGCL) - Approved for respiratory protection against atmospheres containing Mercury Vapor or Chlorine.* End-of-Service Life Indicator (ESLI) detects Mercury Vapors only.
MPC	●	MULTI-PURPOSE CARTRIDGE - Approved for respiratory protection against atmospheres containing Organic Vapors, Ammonia, Methylamine, Sulfur Dioxide, Formaldehyde, Chlorine, Chlorine Dioxide, Hydrogen Chloride, Hydrogen Fluoride, or FOR ESCAPE ONLY FROM Hydrogen Sulfide.
N95		N95 - Stand-alone pre-filter that has a 95% efficiency against atmospheres containing solid and water based particulates.
OA	●	ORGANIC VAPORS/ ACID GASES - Approved for respiratory protection against atmospheres containing Organic Vapors, Chlorine, Formaldehyde, Hydrogen Chloride, Sulfur Dioxide, Chlorine Dioxide or FOR ESCAPE ONLY FROM Hydrogen Sulfide.*
OV	●	ORGANIC VAPORS - Approved for respiratory protection against atmospheres containing Organic Vapors.*
P-100	●	P-100 - Particulate filter for all particulate aerosols which may contain oil. This filter has an efficiency level of 99.7%.
TEDA	○	TRIETHYLENEDIAMINE - For respiratory protection against atmospheres containing radioiodine compounds including Iodine, Methyl iodide and Hypoiodous Acid. THIS RESPIRATOR IS NOT NIOSH APPROVED FOR RADIOIODIDE COMPOUNDS. NIOSH does not have approval criteria for Radioiodide Compounds. Approvals TC-84A-2714 and TC-84A-2713 are on a nominal challenge substance so that nuclear facilities can take credit with N.R.C. for P-100 filter.

AIR PURIFYING RESPIRATORS ARE FOR USE ONLY IN ENVIRONMENTS WHICH ARE NOT IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH).

* 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.

CHIN CANISTERS

805036-02	P-100 Filter	
805046-02	Ammonia/ Methylamine	
805047-02	Chlorine	
805037-02	Chlorine w/ P-100	
805049-02	Organic Vapor	
805038-02	Organic Vapor w/ P-100	
805050-02	Organic Vapor/ Acid Gas w/ R95	
805048-02	Organic Vapor/ Acid Gas/ Ammonia w/ R95	
805039-02	Triethylenediamine/ Chlorine w/ P-100	
045121	NTC-1 (NBC) Canister, Nylon, Swat Black	
805176-03	Nuclear/ Biological/ Chemical (NBC) Canister Silver	

CHANGE-OUT DATA

cartridge change out data

The cartridge change-out data provides information on over 120 compounds for use with Scott's 642 Organic Vapor, Organic Vapor/Acid Gas and Multi-Purpose cartridges. Available on CD-ROM, 3.5" floppy disk or hard copy and can be used with Microsoft® Excel version 5.0 or later. Data on inorganic compounds is also available upon request.



SPEED-EVAC

Speed vac. outh. it. respirator for gress rom on environments

Designed for egress from non-IDLH environments. Provides respiratory protection against a variety of toxic gases in low level concentrations. Speed-Evac comes in two models. Model 90-AG is NIOSH approved for Chlorine, Chlorine Dioxide, Sulfur Dioxide, Hydrogen Sulfide, or Hydrogen Chloride. Model 90-AM is NIOSH approved for ammonia. Available with a carrying pouch or reusable hard case.



Ideal as a visitor's respirator. Fit testing not required.



DESCRIPTION	PART #
Acid Gas (90-AG) w/ Pouch	803834-01
Acid Gas (R90-AG)	803834-02
Acid Gas (C90-AG) w/ Case	803834-03
Ammonia (90-AM) w/ Pouch	803839-01
Ammonia (R90-AM)	803839-02
Ammonia (C90-AM) w/ Case	803839-03
Optional Neck Lanyard	68293-01