



TECHNICAL DATA SHEET 7500 SERIES CARTRIDGES AND FILTERS

Product description

The 7500 Series Cartridges and Filters are designed for use with the North 7700, 5500, 5400, 7600 and 7800 series air-purifying respirators.

Certification

All North 7500 Series cartridges and filters are approved with all North air-purifying half masks and full facepiece respirators. Refer to the NIOSH Approval Label in each package for the specific approval numbers.

Protection

For use in non-IDLH environments, not to exceed the Maximum Use Concentration of the contaminants. When used with the appropriate air purifying respirator, the 7500 series cartridges and filters will protect against exposure to particulates (dusts, fumes, and mists), organic vapors, acid gases and other specific contaminants as listed on the NIOSH Approval label. Do not use when oxygen content is less than 19.5% per volume at sea level. Follow established cartridge and canister change schedules or observe ESLI to ensure that cartridges and canisters are replaced before breakthrough occurs.

CARTRIDGES & FILTERS

North 7700 Series half mask is approved for use with the following cartridges, filters, and cartridge/filter combinations. A pair of two like cartridges and/or filters are required.

Gas and Vapor Cartridges

N75001	Organic Vapor Cartridge
N75002	Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Formaldehyde Cartridge
N75003	Organic Vapor, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide Cartridge
N75004	Ammonia, Methylamine Cartridge
N750052	Mercury Vapor & Chlorine Cartridge with End of Service Life Indicator for Mercury Vapor.
75SC	Defender, Multi-Purpose Cartridge: Organic vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Sulfide(Escape only), Hydrogen Fluoride, Chlorine Dioxide), Ammonia, Methylamine, Formaldehyde.

Combination Gas and Vapor Cartridges with P100 Particulate Filters

7581P100	Cartridge Filter Combination, Organic Vapor P100 (all particulates)
7582P100	Cartridge Filter Combination, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Formaldehyde) P100 (all particulates)
7583P100	Cartridge Filter Combination, Organic Vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide) P100 (all particulates)
7584P100	Cartridge Filter Combination, Ammonia, Methylamine, P100 (all particulates)
75852P100	Cartridge Filter Combination, Mercury Vapor, Chlorine, P100 (all particulates), with End of Service Life Indicator for Mercury Vapor
75SCP100	Defender Multi-Purpose Cartridge Filter Combination: Organic Vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Sulfide (escape only), Hydrogen Fluoride, Chlorine Dioxide),), Ammonia, Methylamine, Formaldehyde, P100 (all particulates).

Particulate Filters

7580P100	Filter, P100, all particulates
75FFP100	Filter, P100, all particulates, flexible filter. (2/PK)
75FFP100NL	Filter, P100, all particulates plus odor relief from nuisance level organic vapors, acid gases and ozone, flexible filter (2/PK)
7506N95	Filter, N95, non-oil particulates. (10/PK)
7506N99	Filter, N99, non-oil particulates. (10/PK)
7506R95	Filter, R95, restricted use in oil environments, (10.PK)
7531N95	Filter Assembly - N95, non-oil particulates. Includes 2 each N750015, 2each 7506N95, 2 each N750027
7531N99	Filter Assembly - N99, non-oil particulates. Includes 2 each N750015, 2each 7506N99, 2 each N750027
7531R95	Filter Assembly, R95, restricted use in oil environments. Includes 2 each N750015, 2each 7506R95, 2 each N750027

Cartridge and Filter Accessories

N750015	Filter holder for 7506N95, 7506N99 and 7506R95 filter. Requires N750027 Seal check/Filter cover.
N750027	Seal Check/Filter Cover to attach 7506N95, 7506N99 and 7506R95 filters to chemical cartridges. If using filter only use with N750015 Filter Holder.
N750029	Shower cap for 7580P100 Filter. Protects filter from water spray during abatement and decontamination.
N750035	Adapter for 75FFP100 filter. Attaches filter to chemical cartridges (Except for Defender Cartridge)

Material Composition

Cartridges

Cartridge Shell Styrene and Polyester
 Chemical Sorbents Meets NIOSH criteria for cartridges under 42 CFR Part 84

Cartridge/Filter Combination

Cartridge Shell Styrene and Polyester
 Chemical Sorbents Meets NIOSH criteria for cartridges under 42 CFR Part 84
 Particulate Filter Media Hydrophobic, High efficiency Particulate media > 99.97% efficient

P100 Filter

Particulate Filter Media Hydrophobic, High efficiency Particulate media > 99.97% efficient

Filters

N95 Filter Non-oil particulate filter, 95% efficient.
 N99 Filter Non-oil particulate filter, 99% efficient
 R95 Filter Restricted use in oil environments, 95% efficient
 P95 Filter Any particulate, 95% efficient

Shipping Weights and Dimensions

Product weights and dimensions for the 7500 series represent the cartridges and/or filters only.

Product	Description	UOM	Order Mult	Unit & Case Dimensions LxWxH (inches)	Case Weight (lbs)
<u>Gas and Vapor Cartridges</u>					
N75001	Organic Vapor Cartridge	PR	18		
		CS	18	10.4x6.0x13.8	7.1
N75002	Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Formaldehyde Cartridge	PR	18		
		CS	18	10.4x6.0x13.8	7.8
N75003	Organic Vapor, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide Cartridge	PR	18		
		CS	18	10.4x6.0x13.8	7.5
N75004	Ammonia, Methylamine Cartridge	PR	18		
		CS	18	10.4x6.0x13.8	9.0
N750052	Mercury Vapor & Chlorine Cartridge with End-of-Service-Life indicator for Mercury Vapor	PR	18		
		CS	18	10.4x6.0x13.8	7.5
75SC	Defender, Multi-Purpose cartridge: Organic Vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen sulfide(escape only), Hydrogen Fluoride, Chlorine Dioxide), Ammonia, Methylamine, Formaldehyde.	PR	18		
		CS	18	13.8x10.3x6.5	9.5

Combination Gas and Vapor Cartridges with P100 Particulate Filters

7581P100	Cartridge Filter Combination, Organic Vapor P100 (all particulates)	PR	12		
		CS	12	13.8x10.3x6.5	6.9
7582P100	Cartridge Filter Combination, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Formaldehyde) P100 (all particulates)	PR	12		
		CS	12	13.8x10.3x6.5	7.4
7583P100	Cartridge Filter Combination, Organic Vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Fluoride, Chlorine Dioxide, Formaldehyde) P100 (all particulates)	PR	12		
		CS	12	13.8x10.3x6.5	6.5
7584P100	Cartridge Filter Combination, Ammonia, Methylamine, P100 (all particulates)	PR	12		
		CS	12	13.8x10.3x6.5	8.3
75852P100	Cartridge Filter Combination, Mercury Vapor, Chlorine, P100 (all particulates), with End of Service Life Indicator for Mercury Vapor	PR	12		
		CS	12	13.8x10.3x6.5	7.6
75SCP100	Defender, Multi-Purpose cartridge: Organic Vapor, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen sulfide(escape only), Hydrogen Fluoride, Chlorine Dioxide), Ammonia, Methylamine, Formaldehyde, P100 (all particulates)	PR	12		
		CS	12	15.3x10.3x7.0	8.6

Particulate Filters

7580P100	Filter P100, all particulates	PR	72		
		CS	72	18.0x13.5x6.8	9.8
75FFP100	Filter, P100, all particulates, flexible filter. (2/PK)	PR	50		
		CS	50	18.4x13.3x8.3	4
7506N95	Filter, N95, non-oil particulates. (10/PK)	PK	12		
		CS	12	10.5x7.8x5.3	1.1
7506N99	Filter, N99, non-oil particulates. (10/PK)	PK	12		
		CS	12	10.5x7.8x5.3	1.1
7506R95	Filter, R95, Restricted use in oil environments. (10/PK)	PK	12		
		CS	12	10.5x7.8x5.3	1.1
7531N95	Filter Assembly, N95, non-oil particulates. Includes 2 each N750015, 2 each 7506N95, 2 each N750027	PK	12	N/A	
		CS	12		
7531N99	Filter Assembly, N99 non-oil particulates. Includes 2 each N750015, 2 each 7506N99, 2 each N750027	PK	12		
		CS	12	N/A	
7531R95	Filter Assembly, R95, restricted use in oil environment. Includes 2 each N750015, 2 each 7506R95, 2 each N750027	PK	12		
		CS	12	N/A	

Country of Origin

USA

Warranties: North products are covered by and subject to the terms and conditions of the North Safety Products Limited Warranty that appears in our annual price list. The North Safety Products Limited Warranty is the only written warranty of any force and effect, and all other written warranties are disclaimed in their entirety. In no event shall North Safety Products or any of its authorized dealers be liable for any damages in excess of the purchase price of the relevant product. This limitation applies to damages of any kind, including but not limited to direct or indirect damages or other special, incidental, exemplary or consequential damages, whether arising out of the use or inability to use the product, even if we or any of our authorized dealers has been advised of the possibility of the damages or any claim by any other party. Servicing of any product with parts not approved by us will void the warranty and may result in loss of any certification or approval applicable to the product.

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