

RESPIRATORY CARTRIDGES

Living is impossible without clean air. That's why workers who are exposed to unclean and unsafe air wear masks. But many of these masks require specialised cartridges to filter out airborne and gaseous hazards. Invest in good respiratory protection for your workers today! Contained within this catalogue are a variety of cartridges that defend against a wide variety of workplace hazards.

We're confident you'll find the cartridge you need!



NORTH CARTRIDGES/FILTERS



PART NO.	DESCRIPTION	PROTECTION FROM	PACKAGING
GAS AND VAPOR CARTRIDGES			
75SC	Defender™ Multi-Purpose	Organic vapors, ammonia, methylamine, formaldehyde and acid gases (chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide [escape], hydrogen fluoride and chlorine dioxide)	Pair
N75001	Organic Vapor	Organic Vapors	Pair
N75002	Acid Gas Cartridge	Acid gases (chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide [escape], hydrogen fluoride and chlorine dioxide) and formaldehyde	Pair
N75003	Organic Vapor & Acid Gas	Organic vapors and acid gases (chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide [escape], hydrogen fluoride and chlorine dioxide)	Pair
N75004	Ammonia & Methylamine	Ammonia and methylamine	Pair
N750052	Mercury Vapor Cartridge with ESLI	Mercury vapor and chlorine with End-of-Service Life Indicator (ESLI) for mercury	Pair



COMBINATION GAS AND VAPOR CARTRIDGES WITH P100 PARTICULATE FILTERS			
75SCP100	Defender™ Multi-Purpose with P100	Organic vapors, ammonia, methylamine, formaldehyde and acid gases (chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide [escape], hydrogen fluoride and chlorine dioxide); and 99.97% filter efficiency for all particulates	Pair
7581P100	Organic Vapor with P100	Organic vapors; and 99.97% filter efficiency for all particulates	Pair
7582P100	Acid Gas with P100	Acid gases (chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide [escape], hydrogen fluoride and chlorine dioxide) and formaldehyde; and 99.97% filter efficiency for all particulates	Pair
7583P100	Organic Vapor & Acid Gas with P100	Organic vapors and acid gases (chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide [escape], hydrogen fluoride and chlorine dioxide); and 99.97% filter efficiency for all particulates	Pair
7584P100	Ammonia & Methylamine with P100	Ammonia and methylamine; and 99.97% filter efficiency for all particulates	Pair
75852P100	Mercury Vapor with ESLI with P100	Mercury vapor and chlorine with End-of-Service Life Indicator (ESLI) for mercury; and 99.97% filter efficiency for all particulates	Pair

NORTH CARTRIDGES/FILTERS



PART NO.	DESCRIPTION	PROTECTION FROM	PACKAGING
PARTICULATE FILTERS			
7580P100	P100	99.97% filter efficiency for all particulates	Pair
75FFP100	Pancake: Low profile P100 filter for use under welding helmets	99.97% filter efficiency for all particulates	Pair
75FFP100NL	Pancake with odor relief: Low profile P100 filter for use under welding helmets	99.97% filter efficiency for all particulates; plus relief from odors caused by nuisance levels of organic vapors, acid gases and ozone	Pair
7506N95	N95 Prefilter	95% filter efficiency for non-oil based aerosol particulates	10 per Pack
7506R95	R95 Prefilter	95% filter efficiency for all particulates. Restricted to 8 hours service life if used in atmospheres containing oil-based aerosols	10 per Pack
7506N99	N99 Prefilter	99% filter efficiency for non-oil based aerosol particulates	10 per Pack

ACCESSORIES



ACCESSORIES			
N750035	Pancake Adapter	Allows user to stack the Pancake on a North cartridge, converting the Pancake to a P100 prefilter. May not be used with the Defender	Each
N750015	Filter Holder	Holds prefilters onto North half and full facepieces. Must be used with N750027 filter cover	Each
N750027	Seal Check/Filter Cover	Snap on top of prefilters to hold them in place on North cartridges or on N750015 filter holder	Each
N750029	Shower Cap	For use with 7580P100. Deflects moisture during a "Decon" shower	Each

FILTER EFFICIENCIES

The National Institute of Occupational Safety and Health (NIOSH) classifies filters in two ways, type and efficiency. Using these classifications there are nine possible filter groups. The most commonly used are N95 as the most economical, and P100 providing the highest possible protection. The classifications are defined on the right.

Type

- N** Not for use in atmospheres that contain oil based aerosols.
- R** Restricted to eight hours of service life if used in atmospheres that contain oil based aerosols.
- P** Oil Proof. May be used without restrictions in atmospheres that contain oil based aerosols.

Efficiency

- 95** 95% minimum filter efficiency in removing particulates.
- 99** 99% minimum filter efficiency in removing particulates.
- 100** 99.97% minimum filter efficiency in removing particulates.

MOLDEX CARTRIDGES

MOLDEX 7000/7800/9000 CARTRIDGES

- 100% PVC-Free®
- Easy bayonet mount eliminates mis-threading



PRODUCT CODE	
400MMI7100	Moldex 7100 Organic Vapors Cartridge
400MMI7200	Moldex 7200 Acid Gas Cartridge
400MMI7300	Moldex 7300 Organic Vapors/Acid Gas Cartridge
400MMI7400	Moldex 7400 Ammonia/Methylamine Cartridge
400MMI7500	Moldex 7500 Formaldehyde Cartridge
400MMI7600	Moldex 7600 Multi-Gas/Vapor Smart® Cartridge
400MMI7990	Moldex 7990 P100 Particulate Cartridge

MOLDEX 7000/7800/9000 SERIES PARTICULATE FILTERS AND ACCESSORIES

- 100% PVC-Free®
- P100 Particulate Filter Disk is lighter than traditional Filter Cartridge
- Piggyback P100 with Moldex® gas/vapor cartridges or use standalone filter
- P100 and R95 can be used for both oil and non-oil based particulates
- Use R95 or N95 Particulate Filters as a prefilter with any gas/vapor cartridge
- Fiberglass-free filters



PRODUCT CODE	
400MMI8910	Moldex 8910 N95 Particulate Pre-Filter
400MMI8970	Moldex 8970 R95 Particulate Pre-Filter
400MMI7940	Moldex 7940 P100 Filter Disk
400MMI7960	Moldex 7960 P100 Filter Disk Plus Nuisance Organic Vapors
400MMI7020	Moldex 7020 Pre-Filter Retainer
400MMI7920	Moldex 7920 Piggyback Adapter
400MMI0098	Moldex 0098 Spectacle Kit

ELIPSE RESPIRATORY ACCESSORIES

ELIPSE MASK ACCESSORIES



SPR321



SPR450



SPR316



SPR336



SPR341

PRODUCT CODE	
400ELPSPR321	Elipse P100 Filter
400ELPSPR450	Elipse P100 Nuisance Odour Filter
400ELPSPR316	Elipse P3 Filter
400ELPSPR336	Elipse P3 Nuisance Odour Filter
400ELPSPR341	Elipse A1P3 Filter



SCOTT FILTERS

SCOTT® FILTERS

	Color Code	Filter Type	Main area of applications	Weight (g)	Ref. nr	Storage in years
PARTICLE FILTER	○	PF10 P3	Solid and liquid particles, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	74	052670	10
	●	GF22 A2	Organic gases and vapours, e.g. solvents with boiling points higher than 65°C.	190	042870	5
GAS FILTER	●	GF22 B2	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide, fluorine, cyanogen chloride, phosgene.	195	042871	4
	●	GF32 E2	Acid gases and vapours e.g. sulphur dioxide, hydrogen fluorine, formic acid, nitric dioxide.	305	042972	5
	●	GF22 K2	Ammonia and organic ammonia derivatives.	255	042873	5
	● ●	GF22 A2B2	Organic and inorganic gases and vapours.	195	042874	5
	● ● ● ●	GF32 A2B2E2K2	Organic, inorganic and acid gases and vapours as well as ammonia.	320	042979	5
	●	GF32 AX	Gases and vapours from organic compounds with boiling points < 65°C.	268	042970	5

SCOTT FILTERS

SCOTT® FILTERS

	Color Code	Filter Type	Main area of applications	Weight (g)	Ref. nr	Storage in years
COMBINED FILTER	●○	CF22 A2 - P3 CF32 A2 - P3	Organic gases and vapours e.g. solvents with boiling point higher than 65°C, solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	230 340	042670 043070	5 5
	●○	CF22 B2 - P3	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide, fluorine, cyanogen chlorine, phosgene and solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	265	042671	5
	●○	CF32 E2 - P3	Acid gases and vapours e.g. sulphur dioxide, hydrogen fluoride, nitric acid, solid and liquid, radioactive and toxic particles plus micro-organisms.	265	043072	5
	●○	CF22 K2 - P3	Ammonia and organic ammonia derivatives, solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	370	042673	5
	●● ○	CF22 A2B2 - P3	Organic and inorganic gases and vapours, solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	265	042674	5
	●● ○●	CF22 A2B2E1 - P3	Organic, inorganic and acid gases and vapours, solid and liquid particles, radioactive and toxic particles, plus micro-organisms e.g. bacteria and viruses.	270	042678	5
	●● ●● ○	CF32 A2B2E2K2 - P3 CFR32 A2B2E2K2 - P3	Organic, inorganic and acid gases and vapours, as well as ammonia and organic ammonia derivatives, solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	370 370	042799 043699	5 5
	●○	CF32 AX - P3	Gases and vapours from organic compounds with boiling point < 65°C, solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	310	042770	5
	●● ○	CF32 Reactor Hg - P3 CF32R Reactor Hg - P3	Mercury and mercury compounds, radioactive iodine and its organic compounds like methyl iodide plus ozone, solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	307 328	042777 043679	5 5
	●● ○●	CF22 A1E1Hg-P3	Organic and acid gases and vapours, mercury compounds and ozone, solid and liquid, radioactive and toxic particles, plus micro-organisms e.g. bacteria and viruses.	268	042778	5
	●● ●● ○●	CF32 A2B2E2K2- Hg-P3	Organic, inorganic and acid gases and vapours, as well as ammonia and organic ammonia derivatives as well as, mercury and its compounds and ozone, solid and liquid, radioactive and toxic particles, plus micro-organisms, e.g. bacteria and viruses.	370	042798	5

FILTERS / UNIVERSAL CONNECTION EN 148-1



BLS 400 SERIES

Compatible with /

- HALF MASK RESPIRATORS BLS SGE46
- FULL FACE MASK RESPIRATORS BLS 5000 SERIES (5150, 5400, 5400C)
- FULL FACE MASK RESPIRATORS BLS 3000 SERIES



CODE	PRODUCT	PROTECTION	COLOUR CODE
8011013	401 P3 R	Dust	○
8011002	411 A2	Organic gases and vapours, class 2	●
8011023	412 AX	Organic gases and vapours with a boiling point lower than 65° C	●
8011005	413 K2	Ammonia and derivatives, class 2	●
8011111	414 ABE2	Organic, inorganic and acid gases and vapours, class 2	●●●
8011007	415 ABEK2	Organic, inorganic and acid gases and vapours and ammonia and derivatives, class 2	●●●●
8011008	421 A2P3 R	Organic gases and vapours, class 2 and dust	●○
8011024	422 AXP3 NR	Organic gases and vapours with a boiling point lower than 65°C and dust	●○
8011017	423 ABE2P3 R ⁽¹⁾	Organic, inorganic and acid gases and vapours, class 2 and dust	●●●○
8011022	424 ABEK1P3 R	Organic, inorganic and acid gases and vapours, ammonia, class 1 and dust	●●●●○
8011012	425 ABEK2P3 R ^{(1) (2)}	Organic, inorganic and acid gases and vapours, ammonia, class 2 and dust	●●●●○
8011014	430 ABEK2HgP3 R ^{(1) (2)}	Organic, inorganic and acid gases and vapours and ammonia and derivatives, mercury vapours class 2 and dust	●●●●●○

(1) these filters cannot be used with half masks because their weight is greater than 300g
 (2) these filters are tested against hydrogen fluoride

FILTERS / BAYONET CONNECTION



BLS 200 SERIES

Compatible with /

- HALF MASK RESPIRATORS BLS 4000 SERIES
- FULL FACE MASK RESPIRATORS BLS 5000 SERIES (5600, 5700, 5700/C)



CODE	PRODUCT	PROTECTION	COLOUR CODE
8011118	202 P3 R	Dust	○
8011109	211 A2	Organic gases and vapours, class 2	●
8011205	212 AX	Organic gases and vapours with a boiling point lower than 65° C	●
8011110	213 ABE1	Organic, inorganic and acid gases and vapours, class 1	●●●
8011111	214 ABEK1	Organic, inorganic and acid gases, vapours, ammonia and derivatives, class 1	●●●●
8011112	221 A2P3 R	Organic gases and vapours, class 2 and dust	●○
8011113	222 ABEK1P3 R	Organic, inorganic and acid gases and vapours and ammonia and derivatives, class 1 and dust	●●●●○
8011206	225 AXP3 NR ⁽²⁾	Organic gases and vapours with a boiling point lower than 65°C and dust	●○
8011145	226 ABE1P3 R	Organic, inorganic and acid gases and vapours, class 1 and dust	●●●○
8011132	241 A2 ⁽⁴⁾	Organic gases and vapours, class 2	●
8011133	242 ABE2 ⁽³⁾	Organic, inorganic and acid gases and vapours, class 2	●●●
8011114	243 ABEK2 ⁽³⁾	Organic, inorganic and acid gases, vapours, ammonia and derivatives, class 2	●●●●
8011134	244 K2	Ammonia and derivatives, class 2	●
8011138	251 A2P3 R ⁽⁴⁾	Organic gases and vapours, class 2 and dust	●○
8011140	253 ABE2P3 R ⁽¹⁾	Organic, inorganic and acid gases and vapours, ammonia, class 2 and dust	●●●○
8011141	254 ABEK2P3 R ^{(1) (2)}	Organic, inorganic and acid gases and vapours and ammonia and derivatives, class 2 and dust	●●●●○
8011042	301 P2 NR ⁽⁵⁾	Dust	○

(1) these filters cannot be used with half masks because their weight is greater than 300g

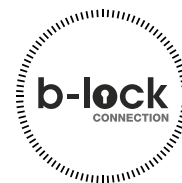
(2) these filters are tested against hydrogen fluoride

(3) these filters are tested against formaldehyde

(4) these filters have long duration

(5) dust prefilter mounted on gas filters BLS 211, 213, 214, 241, 243, 244

FILTERS / BAYONET CONNECTION



BLS 201 SERIES

Compatible with /

- HALF MASK RESPIRATORS BLS 4000 SERIES
- FULL FACE MASK RESPIRATORS BLS 5000 SERIES (5600, 5700)



CODE	PRODUCT	PROTECTION	CARBON LAYER
8011218	BLS 201-3 P3 R	Dust	
8011219	BLS 201-3C P3 R	Organic gases and vapours, class 2	✓