

EMEA

PRODUCT CATALOGUE

2023-2024 V1



42 CFR 84 - Approval of respiratory protective devices



Type-examination approval:
PPE Regulation (EU) 2016/425



A flag denotes the product's country of manufacture.

C50	FM50	FM53
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A black dot in a grey box means that the product is only available for a specific mask.

When a box is highlighted in yellow it means it is subject to ITAR.

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FM53

The FM53 Mask has been specifically developed for specialist operators requiring both positive pressure SCBA and negative pressure capability.

Available in four sizes, the FM53 Mask features a patented twin exhalation valve, close cut cheek for weapon sighting, unique panoramic flexible visor, interchangeable nose cups, Electronic Communication Port for integrated Voice Projection Unit and radio communication, high flow fail safe drink device, fully integrated CBRN Protective Hood and close coupling filter design.

The Twin Port mask is supplied with a Filter Mount Plug Tool (72601/57).

The All Mission Mask



P/N	NSN	Nomenclature
72501/21	-	FM53 CE Mask Single Port RH LGE
72501/22	-	FM53 CE Mask Single Port LH LGE
72501/23	-	FM53 CE Mask Single Port RH MED
72501/24	4240-01-611-1057	FM53 CE Mask Single Port LH MED
72501/25	-	FM53 CE Mask Single Port RH SML
72501/26	-	FM53 CE Mask Single Port LH SML
72501/27	-	FM53 CE Mask Single Port RH XS
72501/28	-	FM53 CE Mask Single Port LH XS
Supplied with User Manual and packaging Faceform.		



P/N	NSN	Nomenclature
72501/29	4240-99-911-2448	FM53 CE Mask Twin Port LGE
72501/30	4240-99-876-0547	FM53 CE Mask Twin Port MED
72501/31	4240-99-423-1824	FM53 CE Mask Twin Port SML
72501/32	4240-99-339-5107	FM53 CE Mask Twin Port XS
Supplied with User Manual and packaging Faceform.		



FM54

Building on the proven success of the FM53, the Avon FM54 delivers improved flame hardening coupled with enhanced passive speech performance. The FM54 provides Specialist Operators maximum level of protection to the face, eyes and respiratory tract from Chemical Biological, Radiological and Nuclear (CBRN), Riot Agents, Toxic Industrial Chemicals (TICS) and Toxic Industrial Materials while maintaining extreme user flexibility as mission profiles change.

Single Mask, Maximum Flexibility



P/N	NSN	Nomenclature
72850/12	4240-99-217-3449	FM54 CE Mask Twin Port LGE
72850/11	4240-99-733-2546	FM54 CE Mask Twin Port MED
72850/10	4240-99-563-8798	FM54 CE Mask Twin Port SML
72850/9	4240-99-995-8323	FM54 CE Mask Twin Port XS
Supplied with User Manual and packaging Faceform.		



Controlled under U.S. export laws and regulations and subject to the Export Administration Regulations (EAR) under the U.S. Department of Commerce (DOC), Bureau of Industry and Security (22CFR 730-774)

FM50



The FM50 Mask is our latest generation of general purpose mask suitable for military and specialist applications.

The FM50 Mask System includes twin conformal filters (FM61) that sit close against the face, providing the operational user with high protection and very low breathing resistance. It has the added benefit of distributing the weight better, making the mask much more comfortable to wear.

Available in 3 sizes, the FM50 features a panoramic flexible visor, Electronic Communication Port (ECP) for optional Voice Projection Unit and radio communications, high flow fail safe drink device and unique low profile twin filters with a bayonet quick fit connection.



P/N	NSN	Nomenclature
71400/1	4240-99-365-5438	FM50 Mask LGE
71400/2	4240-99-387-2559	FM50 Mask MED
71400/3	4240-99-351-4518	FM50 Mask SML
Supplied with User Manual and packaging Faceform.		

PRODUCTS SUBJECT TO ITAR

The First Choice for Defence



P/N	NSN	Nomenclature
71450/1	4240-99-854-4700	FM50 Mask System LGE
71450/2	4240-99-296-3586	FM50 Mask System MED
71450/3	-	FM50 Mask System SML

FM50 Mask Systems contain:

Mask Assembly, FM61 (pair), Clear Outsert, Operator Manual, Mask Carrier (black).

FM51

The FM51 is a variation of the latest generation of Avon FM50 mask but designed specifically to provide combat vehicle operators with respiratory and communications system interface.



P/N	NSN	Nomenclature
70501/604/1	-	FM51 System LGE
70501/604/2	-	FM51 System MED
70501/604/3	-	FM51 System SML

FM51 System includes:

FM51 Mask, Carrier, Operator Manual, Water Canteen Cap, Individual Equipment Carrier, Hose Assembly, Protective Hood, Microphone Adapter, Comms Lead, Carrier Extension Strap, Primary Filter, Clear Outsert Assembly.

PRODUCTS SUBJECT TO ITAR

The In-Vehicle Respiratory System



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C50

The C50 Mask has been developed using the same platform as Avon's successful US Military Joint Services General Purpose Mask optimised for NATO defence and law enforcement. Available in 3 sizes, the C50 features panoramic flexible visor, Electronic Communication Port (ECP) for optional voice projection and radio communication and high flow fail safe drink device.

C50 single filter port mask is CE and NIOSH certified for use in a CBRN environment.

The C50 meets the latest NATO military standards.

The filter side can be changed using Filter Mount Plug Tool (72601/73) - conversion to be performed by trained mask technician only.

The All Challenge Mask



C50 Single Filter Port Mask



P/N	NSN	Nomenclature
70501/193	4240-99-501-0824	C50 Mask Single Port RH LGE
70501/194	4240-99-262-9599	C50 Mask Single Port RH MED
70501/195	4240-99-891-1885	C50 Mask Single Port RH SML
70501/199	4240-99-877-1900	C50 Mask Single Port LH LGE
70501/200	4240-99-493-0372	C50 Mask Single Port LH MED
70501/201	4240-99-242-9948	C50 Mask Single Port LH SML

Supplied with User Manual and packaging Faceform.



C50 Twin Filter Port Mask



P/N	NSN	Nomenclature
70501/562	-	C50 CE Mask Assembly Twin Port LGE
70501/563	-	C50 CE Mask Assembly Twin Port MED
70501/564	-	C50 CE Mask Assembly Twin Port SML

Supplied with User Manual, packaging Faceform and Filter Mount Plug Tool.



C50 NIOSH Twin Port Mask



P/N	NSN	Nomenclature
70501/187	-	C50 NIOSH Twin Port LGE
70501/188	-	C50 NIOSH Twin Port MED
70501/189	-	C50 NIOSH Twin Port SML



PC50

The Avon PC50 is based on the widely deployed 50 Series masks and is designed and approved for use as a NON-CBRN respiratory device, providing protection in dangerous and contaminated environments, against certain solid and liquid respirable particles, gases, vapours and splashes of liquid chemicals.

The PC50 was specifically developed for the targeted user groups; Prisons, Correctional Officers, Riot Control, Border Control, Plant Security and other NON-CBRN requirements that demand a robust, field proven mask at a competitive non-military price.

The New Generation of Protective Mask



PC50 CE Twin Port Mask



P/N	NSN	Nomenclature
70501/698/1	-	PC50 CE Mask Twin Port LGE
70501/698/2	-	PC50 CE Mask Twin Port MED
70501/698/3	-	PC50 CE Mask Twin Port SML
Supplied with User Manual.		



FM12

The FM12 was originally developed for NATO military operations and is the standard issue CBRN mask in numerous countries throughout the world. In addition to the military application the FM12 is particularly suited to the demanding role of civilian law enforcement and first responder applications.

Available in 3 sizes with twin filter ports, or right and left variants, high flow rate drink device and flexible contour face seal for comfort and high levels of protection.

The single filter port FM12 is CE certified for use in a CBRN environment.

Tried and Trusted



FM12 CBRN Single Port Mask



P/N	NSN	Nomenclature
CE70046/20/1	-	FM12 CBRN Single Port RH LGE
CE70046/20/2	-	FM12 CBRN Single Port RH MED
CE70046/20/3	-	FM12 CBRN Single Port RH SML
CE70502/163/1	-	FM12 CBRN Single Port LH LGE
CE70502/163/2	-	FM12 CBRN Single Port LH MED
CE70502/163/3	-	FM12 CBRN Single Port LH SML
Supplied with User Manual.		



FM12 CBRN Twin Port Mask*



P/N	NSN	Nomenclature
70046/12/1	4240-99-888-3404	FM12 NBC Twin Port LGE
70046/12/2	4240-99-330-1579	FM12 NBC Twin Port MED
70046/12/3	4240-99-219-2665	FM12 NBC Twin Port SML
Supplied with User Manual.		

*The FM12 NBC Twin Port Mask is not approved for CE marking.

 PRODUCTS SUBJECT TO ITAR

HM50

The HM50 Mask is based on the widely deployed 50 Series mask platform, which brings the pedigree of a mask proven for use in the harshest CBRN environments.

Available in 3 sizes, the HM50 features panoramic visor, electronic communications, high flow fail safe drink device and twin port capability.

A key feature of the HM50 is its ability to be easily converted into helmet wear mode, seen below as the HMK150.



P/N	NSN	Nomenclature
70501/655/1	-	HM50 CE Mask Twin Port LGE
70501/655/2	-	HM50 CE Mask Twin Port MED
70501/655/3	-	HM50 CE Mask Twin Port SML
Supplied with user manual, harness, lanyard, helmet connector straps. HM50 Accessories - See C50 accessories which are compatible with HM50.		



P100N

The Schubert P100N Crowd Control helmet provides the latest technology in protecting the wearers head. The helmet sets the highest standards for puncture, impact protection and flame resistance and is approved to the most advanced German Police specification. The P100N helmet is offered in a wide range of sizes to comfortably fit all head sizes.



P/N	NSN	Nomenclature
6331010360	-	Size 46/47 (shell S)
6331011360	-	Size 48/49 (shell S)
6331012360	-	Size 50/51 (shell S)
6331013360	-	Size 52/53 (shell S)
6331014360	-	Size 54/55 (shell M)
6331015360	-	Size 56/57 (shell M)
6333016360	-	Size 58/59 (shell M)
6331017360	-	Size 60/61 (shell M)

P/N	NSN	Nomenclature
6331018360	-	Size 62/63 (shell L)
6331019360	-	Size 64/65 (shell L)
6331020360	-	Size 66/67 (shell L)
6996330300	-	Chin-/Mouth-Guard SML
6996330310	-	Chin-/Mouth-Guard MED
6996330320	-	Chin-/Mouth-Guard LGE
9049108120	-	Helmet Bag



Find accessories on page 43.

HMK150

One Mask, Two Modes, Seamless Protection

By a simple exchange of the harness for the helmet connecting straps, the HM50 mask converts to be compatible with the P100N, a world leading Police helmet creating the HMK150 for use in non-CBRN environments. The full face respirator is connected to the helmet in seconds, as there is no need for the helmet to be removed. Protection is seamless.



HMK150 System includes: HM50, (including harness, helmet connector straps, lanyard) and P100N. Mask and helmet must be bought separately due to individual sizing.

The HMK150 helmet / mask combination has been assessed and certified to the requirements of the German Federal & State Police Technical Directive (TR) for a modular system – Protective helmet, Communication system, Respirator mask (Feb 2011)



P/N	Nomenclature
-	ST50 System



ST50

The SCBA for Corrections

The ST50 SCBA by Avon Protection was developed following extensive field research, evaluation and feedback from the customer. The light-weight ST50 is a NIOSH approved, positive pressure, simple to operate, competitively priced self contained breathing apparatus specifically designed to meet the unique and demanding requirements of Correctional facilities and Plant security.

The ST50 deploys a modified, field proven PC50+ face piece* that provides high performance, extreme wearer comfort, unobstructed vision and excellent communication.

*The PC50+ mask can only be used as part of the ST50 system.

Cylinders

The ST50 can accommodate 2216 psi or 4500 psi 30, 45 or 60 minute carbon cylinders incorporating a quick release cylinder band allowing for easy exchange.

Cylinder Content Monitoring

The ST50 backframe includes a remotely accessible, chest mounted pressure gauge for monitoring of pressure and a low cylinder pressure whistle alarm which has the option to be disabled if required.

Compact Demand Valve (CDV)

The small footprint, rugged compact demand valve (CDV) delivers high flow rates to the mask while the ergonomically designed backframe and harness assembly provides a comfortable and secure fit to the operator.

Communication

For enhanced voice amplification, an optional Voice Projection Unit (VPU) with internal microphone can be connected via the Electronic Communication Port (ECP).

Additional external communication systems can be attached via the ECP using an appropriate lead.





ST50 SCBA

Select the appropriate item number from each section below to create the final order number.

Step 1 - System Pressure

Item Code	Item
S1	2216 Low Pressure/Nylon Harness
S2	4500 High Pressure/Nylon Harness

Step 2 - Cylinder Type

Item Code	Item
00	No Cylinder
01	LP 30 min Carbon including valve
02	LP 30 min Aluminium including valve
03	HP 30 min Carbon including valve
04	HP 45 min Carbon including valve
05	HP 60 min Carbon including valve

Step 3 - Face Mask - Only PC50+ can be used on ST50 SCBA

Item Code	Item
20	No Mask
21	Small, PC50+ Mask
22	Medium, PC50+ Mask
23	Large, PC50+ Mask

Step 4 - Regulator - CDV (must select)

Item Code	Item
30	Compact Demand Valve

Step 5 - Case Option

Item Code	Item
40	None
41	Gear Bag
42	Carrying Case

Step 6 - Optional Communication Accessories

Item Code	Item
A	No options
B	Comm Connection Lead 15"
C	Comm Connection Lead 25"
D	Comm Microphone
E	Microphone Adapter Plain

Step 7 - Optional Facemask Accessories

Item Code	Item
G	No Options
H	Clear Visor Outsert
I	Sunlight Visor Outsert
J	Blueblocker Visor Outsert
K	Mirrored Visor Outsert
L	Vision Correction System

Step 8 - Optional Cylinder & Backframe Accessories

Item Code	Item
M	No Options
N	Black Cylinder Bag, 2216 30 min
O	Black Cylinder Bag, 4500 30 min
P	Black Cylinder Bag, 4500 45 min
Q	Black Cylinder Bag, 4500 60 min
R	Shoulder Pad Assembly

Code	Sx	0X	2x	3x	4x	x	x	x
Category	Step 1: System Pressure	Step 2: Cylinder Type	Step 3: Face Mask	Step 4: Regulator	Step 5: Case Options	Step 6: Op Comms	Step 7: Op Mask Acc	Step 8: Op Cyl Acc
Example	S1	01	21	30	40	A	G	M



P/N	Nomenclature
-	ST53 System



NOTE: Pressure gauge available in black or white

ST53

The Total Respiratory Protection System

The ST53 combines Avon Protection System's FM53 mask with new and innovative modular breathing apparatus technology to provide positive pressure SCBA and/or PAPR capability for specialist applications. The ST53 system provides the operator with total flexibility to select the necessary level of protection quickly and efficiently whilst continuing to operate effectively.

The standard ST53 with full back frame offers 4.7 litre, 6.8 litre and 9 litre lightweight carbon cylinder options.

Cylinder Valves

Both CE and NIOSH versions include a nickel-plated brass cylinder valve. Optional Rapid Intervention Coupling (RIC) and airline attachment are available.

The cylinder valve is supplied as a non-locking hand wheel. A locking configuration is available on request.

Cylinder Content Monitoring

The ST53 backframe option includes a remotely accessible, chest-mounted pressure gauge for monitoring of pressure and a low cylinder pressure whistle alarm which has the option to be disabled if required.

Compact Demand Valve (CDV)

The world's smallest, most compact chemically hardened demand valve provides constant positive pressure.

With the option to mount on either side of the mask, it is unobtrusive and allows excellent integration with weapons and other personal equipment.

The optional CS-PAPR may be used with the ST53 enabling the user to switch instantly from powered air to positive pressure SCBA mode when required.

The CDV is attached to the mask via the standard 40mm thread connection.

Stealth Features

Designed with stealth applications in mind including non-reflective black components and a warning whistle which can be silenced.

Communication

For enhanced voice amplification, an optional Voice Projection Unit (VPU) with internal microphone can be connected via the Electronic Communication Port (ECP).

Additional external communication systems can be attached via the ECP using an appropriate lead.




ST53 SCBA

Select one item number from each section below to create the final order number.

Step 1 - System

Item Code	Item
ST53 CE	ST53 Backframe

Step 2 - Face Mask

Item Code	Item
01	No Mask
02	FM53 CE Mask Twin Port SML
03	FM53 CE Mask Twin Port MED
04	FM53 CE Mask Twin Port LGE
05	FM53 CE Mask Twin Port XS
06	FM53 CE Mask Single Port RH SML
07	FM53 CE Mask Single Port RH MED
08	FM53 CE Mask Single Port RH LGE
09	FM53 CE Mask Single Port RH XS
10	FM53 CE Mask Single Port LH SML
11	FM53 CE Mask Single Port LH MED
12	FM53 CE Mask Single Port LH LGE
13	FM53 CE Mask Single Port LH XS

Step 3 - Cylinder Type

Item Code	Item
00	Cylinder
01	4.7 L Carbon 300 Bar
02	6.8 L Carbon 300 Bar
03	9 L Carbon 300 Bar

Step 4 - Case Option

Item Code	Item
01	None
02	Case
03	Black Hawk Bag

Step 5 - Accessories

Item Code	Item
01	None
02	Rapid Intervention Coupling (RIC)**

Step 6 - Buddy Breather

Item Code	Item
A	None
B	Decon / 2nd Man Rescue Attachment

** If the Rapid Intervention Coupling (RIC) is ordered. One of the following must be ordered too:

** 162069

** 162070

** 162071


ST53 Spare Parts

Item Code	NSN	Item
031030 *	5310-99-248-5932	Backup Washer, Whistle/Gauge (Pack of 5)
047002	9150-01-588-7302	Chistolube 1/4 Ounce
054097 *	-	1st Stage Reducer O-Ring (Large)
054014 *	-	1st Stage Reducer O-Ring (Small)
054103	5331-22-626-3222	O-Ring Cylinder Connector
162066	-	DIN Thread to CGA Thread Convertor (for use with Compressor)
135031	4240-01-634-0662	Gauge, Whistle & Hose
138169	4240-01-589-6018	Lumbar Pad
138170	4240-01-589-4838	Upper Shoulder Strap
138171	4240-01-589-4842	Lower Shoulder Strap
138175	4240-01-589-4850	Cylinder Strap
138190	4240-01-589-4855	Waistbelt, Right
138191	4240-01-589-4868	Waistbelt, Left
160120	4240-01-589-4877	H-CDV & Upper/Lower Hose
260052	-	H-CDV Diaphragm
161028	4820-01-634-0669	1st Stage Reducer
161027	4820-01-668-1247	1st Stage Reducer with RIC
138086	8465-01-668-1249	Hose Strap
099041	4240-99-512-2810	Cylinder Retainer Cover
138092	4240-99-753-2737	Cylinder Cover 4.7L, 300 Bar
138093	-	Cylinder Cover 6.8L, 300 Bar
138082	-	Cylinder Cover 9.0L, 300 Bar
162069 **	-	3' Charging Hose Assembly, RIC, DIN
162070 **	-	6' Charging Hose Assembly, RIC, DIN
162071 **	-	10' Charging Hose Assembly, RIC, DIN
124040	-	4.7L Carbon 300 Bar Cylinder
124041	-	6.8L Carbon 300 Bar Cylinder
124042	8120-01-624-5603	9L Carbon 300 Bar Cylinder
110001	-	ST53 Hard Case

* Minimum order quantity 25



ST53SD

Short duration variant ST53SD, provides a belt or harness carry option with 1 and 2 Litre cylinder options (6 and 12 minute duration) meeting the needs of law enforcement and special forces for short-term tactical operations.

The ST53SD provides the option of either a remote whistle and pressure gauge or a single pressure gauge attached directly to the regulator body.

ST-PAPR SD version is supplied with a back harness carrier.

The optional ST-PAPR may be used with the ST53SD enabling the user to switch instantly from powered air to positive pressure SCBA mode when required.

The CDV is attached to the mask via the standard 40mm thread connection.

The Total Respiratory Protection System



ST53SD

Select one item number from each section below to create the final order number.

Step 1 - System

Item Code	Item
SD1 CE	SD1 1L 300 Bar
SD2 CE	SD2 2L 300 Bar

Step 2 - Face Mask

Item Code	Item
01	No Mask
02	FM53 CE Mask Twin Port SML
03	FM53 CE Mask Twin Port MED
04	FM53 CE Mask Twin Port LGE
05	FM53 CE Mask Twin Port XS
06	FM53 CE Mask Single Port RH SML
07	FM53 CE Mask Single Port RH MED
08	FM53 CE Mask Single Port RH LGE
09	FM53 CE Mask Single Port RH XS
10	FM53 CE Mask Single Port LH SML
11	FM53 CE Mask Single Port LH MED
12	FM53 CE Mask Single Port LH LGE
13	FM53 CE Mask Single Port LH XS

Step 3 - Case Option

Item Code	Item
01	None
02	Case

Step 4 - Accessories

Item Code	Item
A	None
B	Remote Pressure Gauge



ST53SD Spare Parts

Item Code	NSN	Item
160119	-	CDV & Hose
038018	-	1 Litre Harness
038019	-	2 Litre Harness

BLACK HAWK BAG

- Designed to carry a complete SCBA system with PAPR and respirator.
- 1000 denier nylon and exceptional stitching.
- Zippered mesh dividers in all compartments.
- Top dual access compartment (from outside or inside).
- Top pockets padded and fold flat when not used.
- External compression straps.
- Retractable handle and skate wheels.



P/N	NSN	Nomenclature
010008	-	Black Hawk Bag



THE FIRST ADAPTABLE POWERED AIR SYSTEM



Compact CBRN Blower at the core of all three systems with:

- Smart Flow Control Technology
- Hot Swap Batteries
- Diagnostic Alerts and Alarms
- Remote On/Off Function

AVON
EZAIR®

BREATH ASSIST APR

- The Smallest CBRN Powered Air System
- For Small Size and Lightweight Powered Air

>2000 PROTECTION FACTOR



AVON
MP-PAPR™

PAPR

- The lowest profile and most comfortable PAPR
- For high physical exertion and long term comfort

>10,000 PROTECTION FACTOR



AVON
CS-PAPR™

CUR

- The most advanced CUR
- For IDLH situations

>100,000 PROTECTION FACTOR



POWERED AIR

AVON EZAIR®



62% smaller and 50% lighter than a full size PAPR, EZAir reduces weight and size burden when high protection and high metabolic rate are not needed.

Avon EZAir is the newest generation of single filter airflow system, substantially smaller and lighter than traditional powered air units.

Five years of research and development have resulted in the first CBRN air-system that delivers the benefits of a traditional Powered Air Device in a more compact and integrated system.

Add Avon EZAir to existing fielded systems such as the 50 Series APR's and convert into a two filter PAPR system for increased performance.

Avon's EZAir continuous fresh airflow helps relieve the burden of breathing enabling responders to easily communicate and reduce fatigue.

With fewer parts, Avon EZAir operational costs are up to 70% less than traditional airflow systems resulting in the lowest cost of ownership.

AVON MP-PAPR™



24% lower profile, flexible construction and integrated hydration increase wear time when using MP-PAPR; the most comfortable PAPR.

Avon Protection introduces a new generation of CBRN Powered Air Purifying Respirator (PAPR), the Avon MP-PAPR system.

A departure from traditional rigid plastic construction systems, the Avon MP-PAPR is the world's first flexible PAPR unit, constructed from the same field proven chlorobutyl rubber, as used for the Avon 50 series masks range.

The Avon MP-PAPR module delivers a compact and easily integrated PAPR unit providing cooling, lower burden and reduced pulmonary stress.

The unique shape and construction allow the wearer to mount the PAPR in multiple ways, maximizing integration while delivering higher protection levels and improved well-being.

A complete set of certifications allows the user to add Avon MP-PAPR to existing fielded systems, with a standard 40mm thread, such as the 50 Series APR's, convert into a combination system PAPR (Avon CS-PAPR) or revert back to an Avon EZAir configuration.

AVON CS-PAPR™



Change breathing modes in less than a second.

The Avon CS-PAPR™ is the newest generation of CBRN Powered Air Purifying Respirator (PAPR) designed for use with a Combination Respirator Unit (CRU).

The capability to change levels of protection dependent on the threat, now provides the wearer with increased duration on target and safer operation.

Utilising the Avon MP-PAPR module along with the patented combination hose module, the wearer can seamlessly switch between APR, PAPR and SCBA modes of protection. The single air hose connection for all modes allows the wearer to retain a clear mask cheek for optimum weapon sighting.

The low profile shape of the Avon CS-PAPR delivers best in class integration with SCBA systems, benefiting the wearer with reduced weight and size compared to traditional systems.

Modular Methodology allows the user to either add the Avon CS-PAPR to existing fielded systems such as the FM53/4 APR and ST53 SCBA, use as a regular PAPR (Avon MP-PAPR) or revert back to the Avon EZAir configuration.

AVONAIR DEMO SYSTEM



AvonAir Demo System Components

- Avon EZAir+
- Flexible PAPR Module
- Universal Hose
- Combination Hose Module
- Auto Filter Covers Module
- Remote Power Switch
- 1400 Replaceable Battery
- 2600 Li-Ion Rechargeable Battery
- 1400 Single Use Battery (10 year)
- 2800 Replaceable Battery
- 5200 Li-Ion Rechargeable Battery
- Belt Strap
- Belt Molle Harness,BA
- Carrier, BA
- Shoulder Straps
- PAPR Back Harness
- PAPR SCBA Harness
- Universal Hose Cover
- Combination Hose Cover
- Battery Charger
- CTCF50e Canister
- CBRNCF50e Canister
- Flow meter
- Mask Quick Disconnect
- Plug Kit, Combination Hose Module
- U-Clip Kit, Auto Filter Covers Module
- Filter Mount Plug Tool
- Pelicase
- Quick Guide Sheet



P/N	Nomenclature
601618	Avon Air Demo System

POWERED AIR

AVONAIR DEMO SYSTEM

AVON EZAIR®



Universal Hose and Cover



- Belt Strap
- Belt Molle Harness
- Carrier
- Shoulder Straps



Micro CBRN EZAIR Blower



Flow Meter



C50
Mask

FM53
Mask

FM54
Mask



Remote Power Switch



- 1400 Replaceable Battery
- 2600 Rechargeable Battery



- CBRNCF50e Filter
- CTCF50e Filter

BASE KIT

The EZAIR base kit comes with the following core components:

Hose
Universal Hose
Universal Hose Cover
Harness
Belt Strap
Belt Molle Harness
Carrier
Shoulder Straps
Blower
Micro CBRN EZAIR Blower
Meter
Flow Meter

ACCESSORIES

There is an option to purchase accessories with the base kit:

Accessory Option		
Remote Power Switch		
Battery Options		
1400 Replaceable Battery		
2600 Rechargeable Battery		
Mask Options		
C50	FM53	FM54
Filter Options		
CBRNCF50e		CTCF50e



AVON AIR CONFIGURATOR

With all of the AvonAir products you can select your kit using our configurator. This helps as there are 600+ combinations for the EZAir alone, meaning that the range is fully customisable to all mission requirements.

To use the configurator, first select which base product you would like, then in turn select an option for each of the accessories. Each of these options have a configurator number and you need to select an option in each column from the below table. This will then generate a single code which is used in place of the normal part number (eg. EZC-0X-2X-3X-4XX-XX-C)

Code	Category
EZC	Base
MPC	Base
CSC	Base
0x	Optional Accessory
2x	Battery
3x	Filter
4xx	Mask
xx-C	Language

EZAIR CONFIGURATOR

Select one item from each step below in order to create your final order.

Step 1 - System

Item Code	Item
EZC	EZAir Base Kit

Step 2 - Optional Accessory / Remote Power Switch

Item Code	Item
01	No Switch
02	Remote Power Switch

Step 3 - Battery Options

Item Code	Item
21	No Battery
22	1400 Replaceable Battery
23	2600 Rechargeable Battery
24	2600 Rechargeable Battery with Charger Assembly

Step 4 - Filter Options

Item Code	Item
31	No Filter
32	CBRNC50e Filter (x1)
33	CTCF50e Filter (x1)

Step 5 - Mask Options

Item Code	Item
401	No CE Mask
402	C50 CE Mask Single Port RH LGE
403	C50 CE Mask Single Port RH MED
404	C50 CE Mask Single Port RH SML
405	C50 CE Mask Single Port LH LGE
406	C50 CE Mask Single Port LH MED
407	C50 CE Mask Single Port LH SML
408	C50 CE Mask Assembly Twin Port LGE
409	C50 CE Mask Assembly Twin Port MED
410	C50 CE Mask Assembly Twin Port SML
411	FM53 CE Mask Single Port RH LGE
412	FM53 CE Mask Single Port RH MED
413	FM53 CE Mask Single Port RH SML
414	FM53 CE Mask Single Port RH XS
415	FM53 CE Mask Single Port LH LGE
416	FM53 CE Mask Single Port LH MED
417	FM53 CE Mask Single Port LH SML
418	FM53 CE Mask Single Port LH XS
419	FM53 CE Mask Twin Port LGE
420	FM53 CE Mask Twin Port MED
421	FM53 CE Mask Twin Port SML
422	FM53 CE Mask Twin Port XS
423	FM54 CE Mask Twin Port LGE
424	FM54 CE Mask Twin Port MED
425	FM54 CE Mask Twin Port SML
426	FM54 CE Mask Twin Port XS

Step 6 - Languages

Item Code	Language
EN-C	English, EZAir, CE

English as standard – please contact Customer Service for any other language requirements.

Code	EZC	0x	2x	3x	4xx	xx-C
Category	Step 1: System	Step 2: Remote Power Switch	Step 3: Battery Options	Step 4: Filter Options	Step 5: Mask Options	Step 6: Language
Example	EZC	02	24	32	409	EN-C

AVON MP-PAPR™



BASE KIT

The MP-PAPR base kit comes with the following core components:

Hose
Universal Hose and Cover
PAPR Module
Flexible PAPR Module
Back Harness
PAPR Back Harness
Blower
Micro CBRN EZAir Blower
Meter
Flow Meter

REQUIRED ACCESSORIES

The following must be ordered with the base kit:

Accessory
Remote Power Switch

ACCESSORIES

There is an option to purchase accessories with the base kit:

Battery Options		
2800 Replaceable Battery with inline Connector		
5200 Rechargeable Battery with inline Connector		
5200 Rechargeable Battery with inline Connector and Charger Assembly		
Mask Options		
C50	FM53	FM54
Filter Options		
CBRNC50e		CTCF50e



MP-PAPR CONFIGURATOR

Select one item from each step below in order to create your final order.

Step 1 - System

Item Code	Item
MPC	MP-PAPR base kit

Step 2 - Remote Power Switch

Item Code	Item
02	Remote Power Switch (must be ordered with the base kit)

Step 3 - Battery Options

Item Code	Item
21	No Battery
22	2800 Replaceable Battery with inline Connector
23	5200 Rechargeable Battery with inline Connector
24	5200 Rechargeable Battery with inline Connector and Charger Assembly

Step 4 - Filter Options

Item Code	Item
31	No Filter
32	CBRNC50e Filter (x2)
33	CTCF50e Filter (x2)

Step 5 - Mask Options

Item Code	Item
401	No CE Mask
402	C50 CE Mask Single Port RH LGE
403	C50 CE Mask Single Port RH MED
404	C50 CE Mask Single Port RH SML
405	C50 CE Mask Single Port LH LGE
406	C50 CE Mask Single Port LH MED
407	C50 CE Mask Single Port LH SML
408	C50 CE Mask Assembly Twin Port LGE
409	C50 CE Mask Assembly Twin Port MED
410	C50 CE Mask Assembly Twin Port SML
411	FM53 CE Mask Single Port RH LGE
412	FM53 CE Mask Single Port RH MED
413	FM53 CE Mask Single Port RH SML
414	FM53 CE Mask Single Port RH XS
415	FM53 CE Mask Single Port LH LGE
416	FM53 CE Mask Single Port LH MED
417	FM53 CE Mask Single Port LH SML
418	FM53 CE Mask Single Port LH XS
419	FM53 CE Mask Twin Port LGE
420	FM53 CE Mask Twin Port MED
421	FM53 CE Mask Twin Port SML
422	FM53 CE Mask Twin Port XS
423	FM54 CE Mask Twin Port LGE
424	FM54 CE Mask Twin Port MED
425	FM54 CE Mask Twin Port SML
426	FM54 CE Mask Twin Port XS

Step 6 - Languages

Item Code	Language
EN-C	English, MP-PAPR, CE

English as standard – please contact Customer Service for any other language requirements.

Code	MPC	0x	2x	3x	4xx	xx-C
Category	Step 1: System	Step 2: Remote Power Switch	Step 3: Battery Options	Step 4: Filter Options	Step 5: Mask Options	Step 6: Language
Example	MPC	02	23	31	409	EN-C

AVON CS-PAPR™



Combination Hose and Cover



PAPR SCBA
Harness



Flexible PAPR
Module



Micro CBRN EZAir Blower



Flow Meter



FM53 Mask

ST53 (sold separately)



Auto Filter Covers



- 2800 Replaceable Battery with inline Connector
- 5200 Rechargeable Battery with inline Connector
- 5200 Rechargeable Battery with inline Connector and Charger Assembly



- CBRNCF50e Filter
- CTCF50e Filter

BASE KIT

The CS-PAPR base kit comes with the following core components:

Hose
Combination Hose
Combination Hose Cover
PAPR Module
Flexible PAPR Module
SCBA Harness
Blower
Micro CBRN EZAir Blower
Meter
Flow Meter

ACCESSORIES

There is an option to purchase accessories with the base kit:

Auto Filter Covers	
Auto Filter Covers	
Battery Options	
2800 Replaceable Battery with inline Connector	
5200 Rechargeable Battery with inline Connector	
5200 Rechargeable Battery with inline Connector and Charger Assembly	
Mask Options	
FM53	
Filter Options	
CBRNCF50e	CTCF50e



Approved only
for use with ST53
SCBA system

CS-PAPR CONFIGURATOR

Select one item from each step below in order to create your final order.

Please note: This system requires an ST53 (sold separately).

Step 1 - System

Item Code	Item
CSC	CS-PAPR Base Kit

Step 2 - Optional Accessory / Auto Filter Covers

Item Code	Item
01	No Auto Filter Cover
02	Auto Filter Cover

Step 3 - Battery Options

Item Code	Item
21	No Battery
22	2800 Replaceable Battery with inline Connector
23	5200 Rechargeable Battery with inline Connector
24	5200 Rechargeable Battery with inline Connector and Charger Assembly

Step 4 - Filter Options

Item Code	Item
31	No Filter
32	CBRNCF50e Filter (x2)
33	CTCF50e Filter (x2)

Step 5 - Mask Options

Item Code	Item
401	No CE Mask
411	FM53 CE Mask Single Port RH LGE
412	FM53 CE Mask Single Port RH MED
413	FM53 CE Mask Single Port RH SML
414	FM53 CE Mask Single Port RH XS
415	FM53 CE Mask Single Port LH LGE
416	FM53 CE Mask Single Port LH MED
417	FM53 CE Mask Single Port LH SML
418	FM53 CE Mask Single Port LH XS
419	FM53 CE Mask Twin Port LGE
420	FM53 CE Mask Twin Port MED
421	FM53 CE Mask Twin Port SML
422	FM53 CE Mask Twin Port XS

Step 6 - Languages

Item Code	Language
EN-C	English, CS-PAPR, CE

English as standard – please contact Customer Service for any other language requirements.

Code	CSC	0x	2x	3x	4xx	xx-C
Category	Step 1: System	Step 2: Optional Accessory/ Auto Filter Covers	Step 3: Battery Options	Step 4: Filter Options	Step 5: Mask Options	Step 6: Language
Example	CSC	01	24	32	420	EN-C

AVONAIR ACCESSORIES, SPARES & SERVICE PARTS

P/N	NSN	BATTERIES, CHARGERS, REMOTES	EZAir	MP-PAPR	CS-PAPR
603107	-	1400 Replaceable Battery	•		
603109	-	2600 Rechargeable Battery	•		
603110	-	2800 Replaceable Battery		•	•
605768	-	2800 Replaceable Battery with inline Connector		•	•
603111	-	5200 Rechargeable Battery		•	•
605765	-	5200 Rechargeable Battery with inline Connector		•	•
603112	-	Battery Charger	•	•	•
603113	-	Remote Power Switch with RCA Connector	•	•	
605180	-	Remote Power Switch w/inline Connector		•	
605770	-	2800 Replaceable Battery w/inline Connector Upgrade Kit for Combo Hose			•
605771	-	5200 Extended Rechargeable Battery w/inline Connector Upgrade Kit for Combo Hose			•
604332	6130-01-695-2885	10 Gang Charger	•	•	•

P/N	NSN	AVONAIR CARRIERS AND COVERS	EZAir	MP-PAPR	CS-PAPR
600171	5340-01-668-0819	Universal Hose Cover	•	•	
600172	4720-01-668-0944	Combination Hose Cover			•
600458	8465-01-668-0744	Belt Strap	•		
600459	4240-01-668-1230	Belt MOLLE Harness, BA	•		
600347	4240-01-668-0946	Carrier	•		
600457	8465-01-668-0772	Shoulder Straps	•		
600460	8465-01-668-1237	PAPR Back Harness		•	
600721	8465-01-668-0780	PAPR SCBA / MOLLE Harness		•	•

P/N	NSN	ACCESSORIES AND SPARES	EZAir	MP-PAPR	CS-PAPR
603114	-	Auto Filter Covers Module			•
603115	-	Flow Meter	•	•	•
600210	4240-01-668-0934	EZAir Blower	•	•	•
200000	4240-01-668-0777	Flexible PAPR Module		•	•
200203	4240-01-668-1226	Universal Hose	•	•	
200201	4240-01-668-1243	Combination Hose Assembly with RCA Connector			•
603775	5340-01-684-3682	Blower Cover		•	•
603018	4240-01-684-3679	Filter Cover (Single)		•	•
605588	-	Combination Hose Assembly, (Non-NIOSH Approved version)			•
605339	-	Combination Hose Assembly, inline			•
604852	-	Combo Hose External Cable w/inline Connector (Combo Hose Assembly not included)			•

P/N	NSN	SERVICE PARTS	EZAir	MP-PAPR	CS-PAPR
601030	-	O-Ring Kit, Auto Filter Covers (Pack of 10)			•
601029	-	Valve Gasket Kit, Auto Filter Covers (Pack of 10)			•
601011	5330-01-674-9178	Gasket, hose connector (Pack of 5)			•
601004	4240-01-668-0739	Plug Kit, Combination Hose Module			•
601031	-	U-Clip Kit, Auto Filter Covers Module			•



NH15

The NH15 Escape Hood is specifically designed for users in an emergency incident. The NH15 is rated for 15 minutes and is available in 3 sizes. It does not require maintenance or fit testing and has a 5 year shelf life.

NH15 Neck Sizing
Extra Small : 12-13 inches
Regular : 13-18 inches
Large : 18-22 inches

User instructions are available in specified languages.
Please consult Customer Services.

NH15 Training Hood - CE



P/N	NSN	Nomenclature
75027-104T-D1-AC	-	Training Hood (Extra Small)
75027-100T-D1-AC	-	Training Hood (Regular)
75027-107T-D1-AC	-	Training Hood (Large)

Immediate Compact Protection



NH15 with Standard Carrier



P/N	NSN	Nomenclature
600191	-	NH15 CBRN Escape Hood (Extra Small) with Standard Carrier
600192	-	NH15 CBRN Escape Hood (Regular) with Standard Carrier
600193	-	NH15 CBRN Escape Hood (Large) with Standard Carrier

NH15 with Standard Carrier



NH15 with High Visibility Carrier



P/N	NSN	Nomenclature
601408	-	NH15 CBRN Escape Hood (Extra Small) with High Visibility Carrier
601409	-	NH15 CBRN Escape Hood (Regular) with High Visibility Carrier
601410	-	NH15 CBRN Escape Hood (Large) with High Visibility Carrier

High Visibility Carrier



NH15 with High Impact Carrier



P/N	NSN	Nomenclature
601376	-	NH15 CBRN Escape Hood (Extra Small) with High Impact Carrier
601377	-	NH15 CBRN Escape Hood (Regular) with High Impact Carrier
601378	-	NH15 CBRN Escape Hood (Large) with High Impact Carrier

High Impact Carrier



Accessories



P/N	NSN	Nomenclature
SP75006/3	-	60" Long x2" Wide Adjustable Waist Belt with Quick Release Buckle
75010/6/2	-	Leg Strap
75010/6/3	-	Duty Belt Strap



NH15

The NH15 Escape Hood is designed specifically for users in an emergency incident. The world's smallest NIOSH CBRN escape device is rated for 15 minutes and is available in 3 sizes. Does not require maintenance or fit testing and has a 5 year shelf life. Supplied in a black carrier that can be belt or shoulder mounted.

NH15 Neck Sizing
Extra Small : 12 -13 inches
Regular : 13 -18 inches
Large : 18 -22 inches

User instructions are available in specified languages.
Please consult Customer Services.

NH15 Training Hood - CE



P/N	NSN	Nomenclature
75027-104T-D1-AC	-	Training Hood (Extra Small)
75027-100T-D1-AC	-	Training Hood (Regular)
75027-107T-D1-AC	-	Training Hood (Large)

NH15 with Standard Carrier



High Visibility Carrier



Immediate Compact Protection



NH15 with Standard Carrier



P/N	NSN	Nomenclature
75027-104-D2-AC	-	NH15 CBRN Escape Hood (Extra Small) with Standard Carrier
75027-100-D2-AC	-	NH15 CBRN Escape Hood (Regular) with Standard Carrier
75027-107-D2-AC	-	NH15 CBRN Escape Hood (Large) with Standard Carrier

NH15 with High Visibility Carrier



P/N	NSN	Nomenclature
75027-104-D3-AC	-	NH15 CBRN Escape Hood (Extra Small) with High Visibility Carrier
75027-100-D3-AC	-	NH15 CBRN Escape Hood (Regular) with High Visibility Carrier
75027-107-D3-AC	-	NH15 CBRN Escape Hood (Large) with High Visibility Carrier

Accessories



P/N	NSN	Nomenclature
SP75006/3	-	60" Long x2" Wide Adjustable Waist Belt with Quick Release Buckle
75010/6/2	-	Leg Strap
75010/6/3	-	Duty Belt Strap

EXOSKIN®-G1

TACTILE CBRN GLOVES

The EXOSKIN®-G1 CBRN gloves have been designed to meet the changing operational requirements of the modern warfighter and tactical operator. With a new system approach to CBRN gloves, we offer a range of liners to meet the mission profile. Utilising our material science capability and extensive knowledge of military and first responder CBRN requirements, the EXOSKIN®-G1 gloves offer improved comfort and operational flexibility without compromising on the protection.

- Smart touch screen compatibility
- Proven rubber technology
- Ultimate protection
- Optimized design
- Heat management liner options



EXOSKIN®-G1 Tactile CBRN Gloves



P/N	NSN	Nomenclature
606912-CM	8415-99-753-9115	EXOSKIN-G1 Tactile CBRN Gloves with Coolmax liner (Medium)
606911-CM	8415-99-217-6667	EXOSKIN-G1 Tactile CBRN Gloves with Coolmax liner (Large)
606910-CM	8415-99-379-2127	EXOSKIN-G1 Tactile CBRN Gloves with Coolmax liner (Extra Large)



EXOSKIN®-B1

HIGH TRACTION CBRN BOOTS

With an extensive knowledge of military and first responder CBRN requirements, the EXOSKIN®-B1 CBRN overboots have been designed to meet the unique requirements of the modern warfighter and tactical operator. Recognizing traditional CBRN overboots limit operational capability, our design has been optimized to improve mission flexibility without compromising on the protection.

- Ruggedized straps
- Optimized tactical grip
- Maximum protection
- CBRN experts
- Ambidextrous fitment

EXOSKIN®-B1 High Traction CBRN Overboots



P/N	NSN	Nomenclature
606921	8430-99-915-9839	EXOSKIN-B1 High Traction CBRN Overboots (Medium)
606920	8430-99-564-4108	EXOSKIN-B1 High Traction CBRN Overboots (Large)
606919	8430-99-264-1710	EXOSKIN-B1 High Traction CBRN Overboots (Extra Large)

STORAGE CARRIERS



Faceform

Replacement storage accessory for all masks. For prolonged mask storage (>1 month) it is recommended that the Faceform is secured to the mask to prevent any possibility of face seal distortion.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/53	4240-01-566-2221	Faceform	•	•	•	•	



Universal Carrier

Storage accessory designed to accommodate any Avon mask and filter. Manufactured from polyester with a polyurethane lining for water resistance. Includes shoulder strap.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70021/33/1	8465-99-701-5867	Black	•	•	•	•	•
70021/33/2	4240-99-958-8948	Olive	•	•	•	•	•
70021/33/3	-	Camo	•	•	•	•	•
70021/33/4	-	US Desert Digi Cam	•	•	•	•	•
70021/33/5	-	Multi-Terrain Pattern (UK)	•	•	•	•	•
72601/32	-	US Universal Carrier	•	•	•	•	•



Mask Carrier

This premium accessory provides a complete storage solution for 50 series masks with multiple wearer positions. Designed to carry the mask, filter, spare filter, manual, 2 outserts and VPU. Carrier can be leg, waist or MOLLE mounted. Novel internal secondary sleeve prevents dust ingress in more extreme environments. Available in green or black.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/47	8465-01-568-4066	Green	•	•	•	•	•
72601/48	8465-01-566-0878	Black	•	•	•	•	•



Individual Equipment Carrier

This accessory compliments the Mask Carrier and provides additional storage of antidotes and first aid equipment. Designed with MOLLE attachment, this premium accessory offers multiple mounting positions and flexible storage options. Available in green or black.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/51	8465-01-568-5385	Green	•	•	•	•	•
72601/52	8465-01-568-5388	Black	•	•	•	•	•



Extension Strap

To be used in conjunction with the Mask Carrier to provide additional strap length for larger wearers.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/49	8465-01-568-5386	Green	•	•	•	•	•
72601/50	8465-01-568-5387	Black	•	•	•	•	•

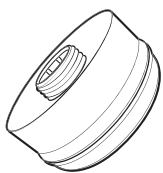
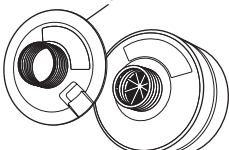
Avon accessories and spare parts are designed for use with Avon products only and are not guaranteed if used with other products. Avon products are designed to perform in demanding conditions and are certified for use by NIOSH/CE. The performance of Avon products will be impaired and their NIOSH/CE certification will be invalidated if used with third party components and Avon does not guarantee its products in these circumstances.

FILTER ►►►	CFPI00	CTCF50	CBRNCF50	CBRNCF50CE	MILCF50	GPCF50	FM6I	FM6IEU	CSCF50
External Approvals	NIOSH	NIOSH	NIOSH	CE					
Classification	P100	CS/CN/P100	CBRN Cap1	A1B2E1K1P3	A2B2E2K1P3/ NBC/CBRN	Mil Spec	Mil Spec	Mil Spec/ A1B2E1K1P3	CS/CN/P100
Protection	Particulate	Riot Agents Odor Particulate	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate
Weight (typical)	118 g	154 g	365 g	365 g	338 g	236 g	156 g	230g	80 g
Breathing Resistance (typical)	15 mm H ₂ O at 85 l/min	20 mm H ₂ O at 85 l/min	45 mm H ₂ O at 85 l/min	45 mm H ₂ O at 85 l/min	45 mm H ₂ O at 85 l/min	40 mm H ₂ O at 85 l/min	22 mm H ₂ O at 42.5 l/min	37 mm H ₂ O at 80 l/min	20 mm H ₂ O at 85 l/min
Packing	Poly Bag	Foil Bag	Induction Welded Package	Induction Welded Package	Induction Welded Package	Foil Bag	Induction Welded Package	Foil Bag	Poly Bag
Shelf Life (if left in packaging)	10 years	5.5 years	5.5 years	5.5 years	10 years	5 years	5 years	10 years	5 years
Filter Body Style	Conformal	Conformal	Convertible	Convertible**	Conformal	Conformal	Conformal*	Conformal*	Conformal
Filter Thread Type	40 mm	40 mm	40 mm	40 mm	40 mm	40 mm	Bayonet	Bayonet	40 mm

*This filter has a bayonet fit specific to the FM50 mask and must be used as a pair. ** Removing the TCP invalidates CE marking

SUITABLE PROTECTION AGAINST:									
Ammonia			●	●	●	○	○	●	
Arsine			●	●	●	●	●	●	
Asbestos	●	●	●	●	●	●	●	●	●
Bacteria	●	●	●	●	●	●	●	●	●
Benzene			●	●	●	●	●	●	
Blister agent			●	●	●	●	●	●	
Blood agent			●	●	●	●	●	●	
Bromine			●	●	●	●	●	●	
Carbon Dioxide									
Carbon Disulphide			●	●	●	●	●	●	
Carbon Monoxide									
Carbon Tetrachloride			●	●	●	●	●	●	
Chlorine			●	●	●	●	●	●	
Chlorine Dioxide			●	●	●	●	●	●	
Chloroacetophenone (CN)		●	●	●	●	●	●	●	●
Chloropicrin			●	●	●	●	●	●	
o-Chlorobenzylidene Malononitrile (CS)		●	●	●	●	●	●	●	●
Cyanogen			●	●	●	●	●	●	
Cyanogen Chloride (CK)			●	●	●	●	●	●	
Cyclohexane			●	●	●	●	●	●	
Fluorine			●	●	●	●	●	●	
Fentanyl	●	●	●	●	●	●	●	●	●

FILTER ►►►	CFPI00	CTCF50	CBRNCF50	CBRNCF50CE	MILCF50	GPCF50	FMGI	FMGIEU	CSCF50
SUITABLE PROTECTION AGAINST:									
Formaldehyde			●	●	●	●	●	●	
Hydrogen Chloride			●	●	●	●	●	●	
Hydrogen Cyanide (AC)			●	●	●	●	●	●	
Hydrogen Fluoride			●	●	●	●	●	●	
Hydrogen Sulfide			●	●	●	●	●	●	
Lewisite			●	●	●	●	●	●	
Methylamine			●	●	●	○	○	●	
Methyl Bromide			●	●	●	●	●	●	
Methyl Iodide			●	●	●	●	●	●	
Mustard (HD)			●	●	●	●	●	●	
Nerve agent			●	●	●	●	●	●	
Nitrogen Dioxide			●	●	●	●	●	●	
Nuisance dusts	●	●	●	●	●	●	●	●	●
Nuisance odours		●	●	●	●	●	●	●	●
Oleoresin Capsicum (OC, pepper gas)		●	●	●	●	●	●	●	●
Organic vapours w/ boiling point >65°C			●	●	●	●	●	●	
Particulates	●	●	●	●	●	●	●	●	●
Phosgene			●	●	●	●	●	●	
Phosphine			●	●	●	●	●	●	
Radioactive particulates	●	●	●	●	●	●	●	●	●
Sarin (GB)			●	●	●	●	●	●	
Soman (GD)			●	●	●	●	●	●	
Sulphur Dioxide			●	●	●	●	●	●	
Tabun (GA)			●	●	●	●	●	●	
Toluene			●	●	●	●	●	●	
Virus	●	●	●	●	●	●	●	●	●
VX			●	●	●	●	●	●	
Xylene			●	●	●	●	●	●	

LEGEND			⚠ WARNINGS
Filter Body Style			<ul style="list-style-type: none"> These filter recommendations are for guidance only. It is assumed that some filters are used only once and then replaced. Respirator filters must be selected by a competent person following a suitable and sufficient risk assessment. Filters must be used in accordance with appropriate guidelines, regulations or doctrine applied in line with the legislation of the country of application, inappropriate use could result in injury or death. Filters must be stored in accordance with Avon's user instructions. The incident commander must establish a filter change schedule based on a suitable and sufficient risk assessment. Failure to do so may result in filter breakthrough and consequent injury or death. Contact Avon for assistance. Do not use filtering respirators in oxygen deficient atmospheres (<19.5%) or in poorly ventilated spaces. Avon conformal filters for use on specific Avon masks only. Filters may not seal with other products leading to serious injury or death.
<p>Conformal</p>  <p>40mm Stanag Thread</p>	<p>Convertible</p>  <p>40mm Stanag Thread</p>	<p>● Filter Effective</p> <p>○ Limited Effectiveness</p> <p>Contact Avon Protection for additional information</p>	

FILTERS
CFP100


The Avon CFP100 Filter is a low-profile particulate filter containing a pleated high-efficiency filter element for removal of very fine dusts, fumes, viruses, and oil- and water-based mists.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
605915-01	-	Single Unit (NIOSH)	•		•	•	
605915-02	-	Avon Protection self-certified	•		•	•	

CSCF50


Filter designed to protect against all particulate hazards including dust, fume, bacteria and virus, plus riot agent CS (meets 8 hour NIOSH test standards) and CN (< 1 hour against NIOSH test standards).



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/71/4	4240-01-617-1327	Pack of 4	•		•	•	•

GPCF50


A conformed profile general purpose military CBRN filter. Provides protection against chemical, biological and radiological warfare agents in accordance with NATO requirements. Also protects against certain toxic industrial chemicals such as chlorine, hydrogen sulphide, sulphur dioxide and organic vapours, with a boiling point of above 65°C.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/70/2	4240-01-617-1329	Pack of 4	•		•	•	•

PRODUCTS SUBJECT TO ITAR

MILCF50


The Avon MILCF50 Filter is a CBRN filter canister designed to meet the relevant criteria specified in the NIOSH CBRN APR standard at the 15 minute classification level (CAPI), the EUROPEAN STANDARD, EN 14387. (A2B2E2K1 P3), and chemical and biological warfare agents in aerosol, liquid and vapour form.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72604/3	4240-01-644-0440	Pack of 4	•		•	•	•

FM61


Low profile conformed filter with bayonet quick fit for use only with the FM50 Mask. General purpose military CBRN performance. Provides protection against chemical, biological and radiological warfare agents in accordance with NATO requirements. Also protects against certain toxic industrial chemicals such as chlorine, hydrogen sulphide, sulphur dioxide and organic vapours, with a boiling point of above 65°C.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
71601/1/1	-	1 pair per pack		•			
71601/2/2	-	5 pairs per pack		•			

PRODUCTS SUBJECT TO ITAR

FM61EU


These low profile filters are supplied as a pair and are designed with bayonet quick fit for use only with the FM50 mask. The twin filter design significantly reduces breathing resistance and improves weight distribution. The filters provide protection from CB agents, toxins, and a number of Toxic Industrial Materials/Chemicals (TICs/TIMs) such as particulate matter including radioactive hazards, chlorine, hydrogen sulphide, sulphur dioxide and organic vapours with a boiling point above 65°C and classified as A1B2E1K1P3NR in accordance with EN14387:2004+A1:2008.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
605526	4240-99-872-2507	Sold as a pair		•			



EU type-examination Module B (Annex V)
PPE Regulation (EU) 2016/425.
Certificate number CE 744786 / UKCA 753563

FILTERS

CTCF50



The Avon CTCF50 Filter is a low profile combination filter containing a pleated high-efficiency filter element for removal of aerosols, particulate matter, smoke fumes and a carbon bed for the removal of vapours that may be released from trapped particles. It is specifically designed for removal of riot control agents and tear gases including CS, CN and OC pepper spray.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72606/3	4240-99-753-2203	Pack of 4	•		•	•	•

CBRNCF50CE



The CBRNCF50CE is a high quality, CE approved CBRN filter canister designed to meet the relevant criteria specified in the EUROPEAN STANDARD, EN 14387. (A1B2E1K1P3). It demonstrates compliance with the test requirements of the NIOSH CBRN standard, category Cap 1 and provides protection against CBRN warfare agents and a range of TICs/TIMs in particulate, aerosol, liquid and vapour forms.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
604009	4240-99-563-9737	Pack of 4	•		•	•	•



EU type-examination Module B (Annex V)
PPE Regulation (EU) 2016/425.
Certificate number CE 696005 / UKCA 746086

CBRNCF50e



Combination filter cannister designed to meet the relevant criteria of NIOSH and CE standards. For protection against gases, vapours and particle matter.



P/N	NSN	Nomenclature	EZAir	MP-PAPR	CS-PAPR
600793	4240-01-687-9573	Pack of 4	•	•	•

CTCF50e



Combination filter with high efficiency particulate filter. For use with riot control agents and tear gas, including CS, CN and OC pepper spray.



P/N	NSN	Nomenclature	EZAir	MP-PAPR	CS-PAPR
600799	4240-99-599-1290	Pack of 4	•	•	

FILTER ACCESSORIES

Filter Cover



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
603018	4240-01-684-3679	Filter Cover Single	•		•	•	•

Filter Mount Converter Kit



The 40mm converter kit creates the most operation flexible mask in the world. It allows for a single, field installable 40mm NATO STANAG threaded filter compatible with left or right hand use.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
601949	4240-99-364-1828	Filter Mount Converter Kit		•			
602204	4240-99-616-0625	Filter Mount Converter Removal Tool		•			
602210	4240-99-162-3319	Converter Removal Tool Repair Kit		•			

VISION
Clear Outsert Assembly


Flexible polycarbonate outsert that simply attaches to 50 series masks to provide additional impact and scratch resistance in extreme environments. Optically correct and distortion free, the outsert can be fitted and removed by the user while the mask is being worn. Provided with Outsert Pouch (72601/28) for storage and lens cleaning.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/156	4240-01-561-4888	Clear Outsert Assembly	•	•	•	•	

Sunlight Outsert Assembly


Additional protection against high level UV light and flash flares is provided by the sunlight outsert. Constructed from the same material as the clear outsert (70501/156) for improved impact and abrasion resistance. Provided with Outsert Pouch (72601/28) for storage and lens cleaning.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/157	4240-01-566-0873	Sunlight Outsert Assembly	•	•	•	•	

Shade 5 Cutting Outsert Assembly


To provide the wearer with additional eye protection when plasma arc cutting (PAC). Constructed from the same material as the clear outsert (70501/156) for improved impact and abrasion resistance. Provided with outsert pouch (72601/28) for storage and lens cleaning.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/688	4240-01-644-2479	Shade 5 Cutting Outsert Assembly	•	•	•	•	



EU type-examination Module B (Annex V)
PPE Regulation (EU) 2016/425.
Certificate number CE 614015 / UKCA 746074

BlueBlocker Outsert Assembly


Designed for specialist use to improve weapon sighting, the BlueBlocker outsert delivers sharper images by filtering out specific light wavelengths. Constructed from the same material as the clear outsert (70501/156) for improved impact and abrasion resistance. Provided with Outsert Pouch (72601/28) for storage and lens cleaning.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/158	4240-01-568-4062	BlueBlocker Outsert Assembly	•	•	•	•	

Laser Outsert Assembly


Specialist accessory for the removal of harmful laser wavelengths commonly produced by laser sighted weapons. Constructed from the same material as the clear outsert (70501/156) for improved impact and abrasion resistance. Provided with Outsert Pouch (72601/28) for storage and lens cleaning.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
607056	-	Laser Outsert Assembly	•	•	•	•	

Mirrored Outsert Assembly


Mirrored outsert is for protection of UV light and improve contrast and depth perception. In addition, they hide the wearers eyes while reflecting the surroundings to provide psychological advantage in a threat situation.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
71014/14	4240-01-656-0150	Mirrored Outsert Assembly	•	•	•	•	

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VISION



Orange Laser Outsert Assembly

Specialist accessory for the removal of harmful laser wavelengths commonly produced by laser sighted weapons and hand-held devices. Constructed from the same material as the clear outsert (70501/156) for improved impact and abrasion resistance. Provided with Outsert Pouch (72601/28) for storage and lens cleaning.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
607291	-	Orange Outsert Assembly	•	•	•	•	



Outsert Pouch

Provides storage protection for 50 Series outserts and acts as a cleaning cloth for the primary visor on the mask. Made from optical lens cloth, the pouch is durable and can be washed after use. When cleaning the visor do not use abrasive creams, alcohol wipes or chemical liquids. Soapy water or approved lens cleaning fluid is recommended.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/28	8465-01-568-5384	Outsert Pouch	•	•	•	•	



Vision Correction Assembly

The unique design allows for prescription lenses to be fitted to the 50 Series masks ranging from -8 to +10 Diopters in power. Flexible design allows assembly to fold inside the mask and lens height can be easily adjusted without need for special tools. For safety reasons in case of an extreme ballistic impact it is recommended that the Clear Outsert (70501/156) be worn with the 50 Series masks when wearing corrective lenses. Avon provides a lens fitting service. Please contact Customer Service.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/155	4240-01-566-2225	Vision Correction Assembly	•	•	•	•	

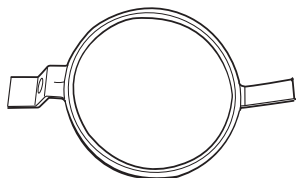


Outserts

Impact and abrasion resistance is achieved through the fitting of the lens to FM12 mask outserts. Attaches simply to mask using a rubberised surround. Tinted outserts provide additional protection against high level UV light and flash flares.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
SP70007/22	-	Clear Outserts (pair)					•
SP70007/21	-	Tinted Outserts (pair)					•



Left & Right Monocle

Provides prescription optical correction for wearer. Made from durable plastic, the monocle is easily fitted behind the lens in the mask. For prescription lenses please contact Customer Service.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70502/189	4240-99-741-1017	Left & Right Monocle					•

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COMMUNICATION

TMC Tactical Mask Communications System

Designed for wearers of Avon Respiratory Protection Systems, the TMC tactical communications system is a range of accessories that enables users to connect their Avon respirators quickly and effectively to tactical radio communications equipment.



TMC PTT2



TMC MFF LM MFF MC



TMC Y Cable



P/N	Nomenclature	C50	FM50	FM53	FM54	FM12
606744	TMC Y Cable	•	•	•	•	
606748	TMC Y Cable (Extended)	•	•	•	•	
606745	TMC Dedicated Mask Connection Cable	•	•	•	•	
606792	TMC Dedicated Mask Connection Cable (Extended)	•	•	•	•	
TEC-TP-GMCC-EP18-A	TMC MFF MC - Mobile Field Force Mask Connection Headset	•	•	•	•	
TEC-TP-MIC6-EP16-A-D	TMC MFF LM - Mobile Field Force Lapel Mic Headset	•	•	•	•	
606973	TMC PTT 1 U329 Kit with MFF MC	•	•	•	•	
606974	TMC PTT 1 Motorola APX Kit with MFF MC	•	•	•	•	
606975	TMC PTT 1 Motorola XTS Kit with MFF MC	•	•	•	•	
606976	TMC PTT 1 Kenwood TK-480 Kit with MFF MC	•	•	•	•	
606977	TMC PTT 1 Harris P5300 Kit with MFF MC	•	•	•	•	
606978	TMC PTT 1 Harris XG-100 Kit with MFF MC	•	•	•	•	
607318	TMC PTT1 U329	•	•	•	•	
607319	TMC PTT1 APX	•	•	•	•	
607320	TMC PTT1 XTS	•	•	•	•	
607321	TMC PTT1 TK-480	•	•	•	•	
607322	TMC PTT1 P5300	•	•	•	•	
607323	TMC PTT1 XG-100	•	•	•	•	
607324	TMC PTT2 U329 Fixed with dedicated mask connection cable	•	•	•	•	
607325	TMC PTT2 APX Fixed with dedicated mask connection cable	•	•	•	•	
607326	TMC PTT2 XTS Fixed with dedicated mask connection cable	•	•	•	•	
607327	TMC PTT2 TK-480 Fixed with dedicated mask connection cable	•	•	•	•	
607328	TMC PTT2 P5300 Fixed with dedicated mask connection cable	•	•	•	•	
607329	TMC PTT2 XG-100 Fixed with dedicated mask connection cable	•	•	•	•	
607330	TMC PTT2 U329 Modular with dedicated mask connection cable and 12" modular radio connection cable	•	•	•	•	
607331	TMC PTT2 APX Modular with dedicated mask connection cable and 12" modular radio connection cable	•	•	•	•	
607332	TMC PTT2 XTS Modular with dedicated mask connection cable and 12" modular radio connection cable	•	•	•	•	
607333	TMC PTT2 TK-480 Modular with dedicated mask connection cable and 12" modular radio connection cable	•	•	•	•	
607334	TMC PTT2 P5300 Modular with dedicated mask connection cable and 12" modular radio connection cable	•	•	•	•	
607335	TMC PTT2 XG-100 Modular with dedicated mask connection cable and 12" modular radio connection cable	•	•	•	•	

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COMMUNICATION



Voice Projection Unit Gen II w/Microphone Assembly

The VPU GEN II when deployed with the FM53 or FM54 Air Purifying Respirators; the most tactically advanced masks in the world, provides the operator with the best-in-class respiratory communications platform available today.

The unique low profile design of the VPU is specially designed for the FM53 and FM54 masks to allow for non-obstructed rifle sighting and easier operation. The VPU is attached to the front of the VREU (Variable Exhalation Resistance Unit) and can be removed to allow for mask exhalation resistance changes. The pass through lead provides an interface to the mask connector and houses a second connector to attach additional communication equipment while the VPU is being worn.

The VPU must be used with the Voice Projection Unit Microphone or Microphone Assembly. Additional radio communication kits are available on request. The unit requires a single Li-Ion battery - CR123 (not supplied).

The Voice Projection Unit Gen II and Microphone Assembly are intrinsically safe and conform to UL Std. 913.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
602240	5996-01-675-5044	Voice Projection Unit Gen II			•	•	
602649	5965-01-687-2977	Microphone Assembly Gen II			•	•	
602651	5996-01-687-3370	Voice Projection Unit Gen II w/Microphone Assembly			•	•	



Voice Projection Unit w/Microphone Assembly

Complete communication kit for C50 and FM50 masks. Contains Voice Projection Unit (70501/229) and Microphone Assembly (71601/13), batteries not included.

The Voice Projection Unit and Microphone Assembly are intrinsically safe and conform to UL Std. 913 Class I, II, III Div.I Gr. A - G, T4. This item does not have an ATEX approval.

Additional radio communications are available on request.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
71601/11	5996-01-617-0821	Voice Projection Unit w/Microphone Assembly	•	•			
70501/229	5996-01-659-9365	Voice Projection Unit	•	•			
71601/13	5965-01-621-7077	Microphone Assembly	•	•			

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COMMUNICATION

Savox VA-30 Voice Projection Unit w/ Microphone Assembly

The VA-30 Lapel Mic/Voice Amplifier is a robust, easy to operate, affordable solution to increase user communication and efficiency.

The VA-30 system is an external comms option to support the industry leading Avon 50 Series Air Purifying Respirators providing clear and loud transmission.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
602343	5895-01-695-2721	Savox VA-30 System complete; Lapel Mic/Voice Amp, E-Mic & Charger w/USB cable	•	•	•	•	
602344	5965-01-695-2724	Savox VA-30; Lapel Mic/Voice Amp only w/Charger & USB cable	•	•	•	•	
602345	5965-01-695-2726	Savox VA-30; E-Mic only	•	•	•	•	
602346	6130-01-695-2730	Savox Replacement Charger & USB Cable	•	•	•	•	

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HYDRATION



CBR50i 3L Reservoir

The CBR50i Chem Bio Reservoir is engineered to integrate with any Avon Protection Mask without the need for cumbersome adaptors. The CBR50i provides up to 3 litres of safe drinking water enabling the wearer to operate for long periods of time whilst wearing full CBRN protection clothing. DuraFlex Barrier™ technology resists live chemical and biological warfare agents in addition to common toxic industrial chemicals and materials. Suitable for everyday use, it is lightweight, durable, flexible and provides taste-free hydration on demand.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
95-056400	-	CBR50i 3L Reservoir	•	•	•	•	•



Canteen (No cap)

CBRN hardened drinking canteen for use with all Avon masks. Must be used in conjunction with Avon Canteen Cap SP 70006/49.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70006/41/1	-	Canteen (No Cap)	•	•	•	•	•



Canteen Cap

Cap is designed to fit on most 40mm STANAG thread canteen devices. Provided with strap to retain cap on canteen and protect connection from dirt ingress.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
SP 70006/49	8465-99-219-1125	Water Canteen Cap	•	•	•	•	•



Canteen (w/cap)

CBRN hardened drinking canteen for use with all Avon masks. Includes the Avon Canteen Cap

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70502/181	8465-01-621-5392	Cateen (w/cap)	•	•	•	•	•

Accessories

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
90081	-	Brush Set	•	•	•	•	•
60112	-	Cleaning Kit (including 2 Cleaning Tablets)	•	•	•	•	•
90091	-	Reservoir Dryer	•	•	•	•	•
60091	-	Big Bite Valve Cover Black	•	•	•	•	•
95-058200	8465-01-565-4035	Protective Mask Adapter Type A (Camelbak)	•	•	•	•	•
95-062000	-	3L ThermoBak Long Neck Carrier Black	•	•	•	•	•



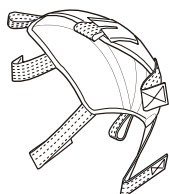
CBRN SUIT SEAL INTERFACE

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
85431-10	-	SS503i (Supplied in quantities of 50 or minimum order of)	•	•	•	•	•
85432/1	-	SS502i (Supplied in quantities of 15 or minimum order of)	•	•	•	•	

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MASK SPARE PARTS
Head Harness

Replacement head harness for Avon masks only.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/159	4240-01-566-2230	Head Harness (Pack of 5)	•		•		
602634	4240-99-472-1680	Head Harness (Pack of 5)		•			
70502/190	-	Head Harness (Pack of 5)					•
602229	4240-01-692-6956	Head Harness (Single)				•	

Nosecup

Replacement nose cups for FM53 masks only. Made from comfortable silicone, the interchangeable design allows wearers to customise their mask for an optimised fit. Nosecup size will only fit mask size above or below sized part (e.g. Medium mask will accept a Small, Medium & Large nose cups only). Refer to maintenance manual for nosecup removal.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/8	4240-01-568-4070	Nosecup XL			•	•	
72601/9	4240-01-568-4071	Nosecup LGE			•	•	
72601/10	4240-01-568-4073	Nosecup MED			•	•	
72601/11	4240-01-568-4074	Nosecup SML			•	•	
72601/12	4240-01-568-4075	Nosecup XS			•	•	

Internal Drink Tube (Mouth Piece)

Replacement internal drinking part for mask hydration. 50 Series tubes can be cut to length. Must be fitted according to maintenance procedure and parts fitted must be free of grease and dirt.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/163	4240-01-617-0819	Internal Drink Tube (Pack of 5)	•	•			
72601/58	4240-01-566-2228	Internal Drink Tube (Pack of 5)			•	•	
SP70046/5/8	8465-99-701-6832	Mouth Piece					•

External Drink Tube and Drink Coupler Assembly

Replacement external drink tube and drinking coupler for FM53. Must be fitted in accordance to maintenance manual by a Level 2 trained operator.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/61	4240-01-568-4069	External Drink Tube and Drink Coupler Assembly (Pack of 5)			•	•	
60-065601	4730-01-644-1960	Drinks Coupler (Pack of 5)	•	•			

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MASK SPARE PARTS

Air Deflector

Replacement internal air deflector(s) that provides directed air inside mask to prevent visor fogging and assist with cooling affect.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/164	4310-01-660-1109	(Pack of 5)	•				
71601/33	4240-01-617-0818	(Pack of 2)		•			
72601/4	4240-01-566-2226	(Pack of 5)			•		

PRODUCTS SUBJECT TO ITAR

O-Ring

Part must be used when replacing Valve Cassette Assembly (72601/6) on FM53 mask. Refer to maintenance manual (70501/292) for details.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/2	5531-01-568-4068	(Pack of 10)			•		

FM53 Lever



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/136	5340-01-617-0823	(Pack of 5)			•		

Disk Valve

Low resistance inhalation and exhalation valves for Avon masks. Made from durable polyisoprene rubber, the valves require minimum maintenance.



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/169	4820-01-617-0831	Inlet/Outlet Disk Valves (Pack of 10)	•	•	•		
71601/32	4820-01-617-0820	Self Sealing Disk Valves (Pack of 10)		•			
72601/5	4820-01-566-2227	Common Vaned Valves (Pack of 10)					•
602228	-	Inlet/Outlet Valves (Pack of 5)				•	

PRODUCTS SUBJECT TO ITAR

Valve Cassette Assembly

Replacement negative and positive exhalation valve assembly for FM53 mask only includes replacement O-Rings (72601/2). Must be used in conjunction with Valve Cassette Assembly Tool (70501/625) Procedures outlined in Maintenance Manual (70501/292).



P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/6	4240-01-566-2224	-			•		

Avon accessories and spare parts are designed for use with Avon products only and are not guaranteed if used with other products. Avon products are designed to perform in demanding conditions and are certified for use by NIOSH/CE. The performance of Avon products will be impaired and their NIOSH/CE certification will be invalidated if used with third party components and Avon does not guarantee its products in these circumstances.


MASK SPARE PARTS
Canister Gasket


CBRN hardened rubber sealing gasket for filter interface. Inspect regularly and replace immediately if damaged or excessive compression set in material is visible. For FM12 Canister Gasket spares, please contact Customer Service to determine the correct spare parts.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/168	5330-99-842-7432	Filter/Canister Gasket (Pack of 10) CE/NIOSH	•				
72601/137	5330-01-621-8595	Grey Filter Canister Gasket (Pack of 5 CE/NIOSH Approved)			•	•	

Front Module Cover


Replacement front cover for C50 and FM50 masks provides essential cover for exhale valve and communication port. Replace immediately if damaged. To remove front cover, turn drink level to the up position and remove front cover from mask.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/162	5340-01-617-0816	(Pack of 5)	•	•			

Filter Mount Blanking Plug


Replacement filter mount plug for twinport masks only. Must be used in conjunction with Filter Mount Plug Tool (72601/57) and correct sealing Gasket.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/56	5340-01-566-2232	(Pack of 5)	•		•	•	

Buckle Components


Replacement buckle set for C50 and FM50 masks only. To be exchanged by qualified personnel only.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/160	5340-01-617-0813	(Pack of 5)	•	•			

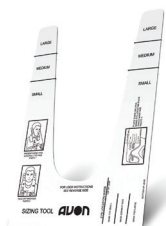
HM50 Spares


P/N	NSN	Nomenclature
600416	-	HM50 Exoskeleton LGE (Pack of 2)
600417	-	HM50 Exoskeleton MED (Pack of 2)
600418	-	HM50 Exoskeleton SML (Pack of 2)
70501/659	-	HMK150 Conversion Pack (Helmet Interface Straps & Neck Lanyard)
600419	-	Drinks Coupler Flame Cover (Pack of 5)
600420	-	HM50 Harness Assembly (Pack of 5)
70501/654	-	HMK150 Helmet Interface Straps (Pack of 5 pairs)

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SPECIAL TOOLS



Sizing Tool

The Avon sizing tool is simple to use and provides a quick method for initial sizing of mask to wearer. It does not replace the requirement to perform a quantitative fit test as outlined by OSHA and NIOSH.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
71601/31	4240-01-617-0815	-	•	•			
72601/55	4240-01-566-2233	-			•	•	
70016/24	4240-99-811-7834	-					•



Filter Mount Plug Tool

Allows twinport masks to be converted to accept filters on either side. Must be used in conjunction with Filter Mount Plug (72601/56). The conversion must be carried out by a Level 2 trained operator and a mask leak test performed afterwards.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
72601/73	4240-01-592-1627	(Pack of 5)	•		•	•	



FM50/C50 Exhale Valve Isolator

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/721	5340-99-217-5659	FM50/C50 Exhale Valve Isolator	•	•			



FM53/FM54 Exhale Valve Blanking Plug

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70502/202	-	FM53/FM54 Exhale Valve Blanking Plug			•	•	



VREU Removal Tool

Required to remove and install the valve cassette assembly from a 53 series mask.

P/N	NSN	Nomenclature	C50	FM50	FM53	FM54	FM12
70501/625	-	VREU Removal Tool			•		



P100N ACCESSORIES



P/N	Nomenclature
6330000700	Neck Protector SML
6330000710	Neck Protector MED
6330000720	Neck Protector LRG

P/N	Nomenclature
6330000525	Visor AS/AF SML
6990633526	Visor AS/AF MED
6330000527	Visor AS/AF LRG

P/N	Nomenclature
6330000522	Visor Pinlock SML
6330000523	Visor Pinlock MED
6330000524	Visor Pinlock LRG
9600102500	Individual Polster Set

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TERMS & CONDITIONS OF SALE

EXPORT TRADE COMPLIANCE

Avon products and associated technical information are controlled under U.S. and U.K. export laws and regulations and are subject to the International Traffic in Arms Regulations (ITAR) under the U.S. Department of State (DOS) Directorate of Defense Trade Controls (22 CFR 120-128 and 130), the Export Administration Regulations (EAR) under the U.S. Department of Commerce (DOC), Bureau of Industry and Security (22 CFR 730-774), and/or the Export Control Order (ECO) 2008 under the U.K. Department of International Trade (Export Control Organization). Prior authorization from the U.S. and/or the U.K. Government may be required for any export, re-export, transfer, or re-transfer.

1. With regards to these terms and conditions ("these Conditions") unless the context otherwise requires:
 - a. 'Avon' means in respect of Goods originating in the United States of America, Avon Protection Systems, Inc. and in respect of Goods originating in the United Kingdom, Avon Polymer Products Limited;
 - b. 'the Customer' means the person or company accepting a Quotation from Avon for the sale/supply of Goods or whose order for Goods is accepted by Avon;
 - c. 'Goods' means the goods (including any installment of the goods or any parts for them and any instruction manual or other documentation to be supplied with them) and/or services which Avon are to supply and which are specified in the Quotation;
 - d. 'Quotation' means a quotation, proposal, current published price list or similar document of Avon for the supply of Goods which is accepted by the Customer or an order for the supply of Goods which is accepted by Avon, and for the avoidance of doubt an "order" for these purposes includes an order completed over the telephone, via e-mail or online via Avon's website;
 - e. 'Contract' means together the Quotation and these Conditions.
2. Avon shall supply and the Customer shall purchase the Goods in accordance with the Quotation, subject to these Conditions, which shall govern the Contract to the exclusion of any other terms and conditions. In the event of inconsistency between these Conditions and any special conditions contained in the Quotation, such special conditions shall prevail. No conduct by Avon shall be deemed to constitute acceptance of any terms put forward by the Customer.

Orders

3. No order submitted by the Customer shall be deemed to have been accepted by Avon unless and until expressly confirmed in writing by Avon, such confirmation to be made by written communication to the Customer specifically indicating acceptance (as opposed to receipt) of the Customer's order ('the Order Acknowledgment'). Avon's acceptance of the Customer's order is conditional on the receipt of any export licence or permit or other documentation that may be required by the relevant authorities. In the case of any Quotation, authorization to proceed with the delivery of the Goods in writing shall constitute the Customer's acceptance of such Quotation and these Conditions. There is a minimum order value of \$250/£200 total per order, unless paid for in advance.
4. Except for special orders, any order which has been accepted by Avon may be varied or cancelled by the Customer prior to order shipment with agreement in writing of Avon. Should the Customer cancel their order prior to shipment, the Customer consents to the imposition of a cancellation charge of 10% of the order value. For special orders, including any customer specific customizations, the Customer acknowledges Avon's right to require the Customer to indemnify Avon in full against all loss (including loss of profit), costs (including the costs of all labor and materials used), damages, charges, interest and expenses incurred by Avon as a result of such variation or cancellation. Should the Customer want to cancel an order after delivery, it is Avon's sole discretion to accept

the return of Goods and the Customer consents to the imposition of a 20% restocking charge. All returned Goods must be in new condition and resalable, which includes sufficient remaining shelf-life. Any returned Goods not in such condition shall require payment in full.

Price

5. The price of the Goods shall be the price stated in the Quotation (including the current published price list where applicable). All prices stated in any Quotation, but not yet accepted in writing by the Customer, are valid for 30 days only, except where a different validity period is stated. After thirty days or the stated validity period, the quotation has expired and a new quote, potentially with new pricing, may be required and should be requested by the Customer before placing any resulting orders.
6. Unless otherwise agreed in writing and/or stated in the Quotation, the price shall be for new Goods. "Like new" Goods with an older date of manufacture shall be quoted as "dated" Goods and priced accordingly. For example, carbon composite cylinders with a 15-year shelf life shall be considered new Goods by Avon up to one year from the date of manufacture. Once beyond the one year mark, they shall be moved to dated inventory and quoted and priced as such. Goods previously used for evaluation or demonstration purposes shall be quoted as "used" Goods and priced accordingly.
7. Unless otherwise agreed in writing, all prices are quoted on a "F.O.B. Origin Prepaid and Add" basis per American Foreign Trade Definition (AFTD) for deliveries in North America and for all other orders on a "free carrier" (FCA) Melksham, UK basis under Incoterms 2010 where invoiced out of the UK and on a "free carrier" (FCA) Cadillac, US basis under Incoterms 2010 where invoiced out of Cadillac and do not include the cost of obtaining export clearance (where applicable), any special packaging, shipping, insurance, bonds, import duties, import taxes, VAT or other applicable sales tax, all of which will be invoiced in addition to the price of the Goods. All prices do not include any federal, state or local taxes that may be applicable to the Goods. When Avon has the legal obligation to collect such taxes, the appropriate amount shall be added to Customer's invoice and paid by Customer, unless Customer provides Avon with a valid tax exemption certificate authorized by the appropriate taxing authority.

Delivery

8. Delivery of the Goods shall be by carrier nominated by the Customer, but acceptable to Avon, with non-US delivery arrangements to be made by Avon, unless otherwise agreed to by the parties. Except where agreed otherwise delivery of the Goods shall be on a "F.O.B. Origin Prepaid and Add" basis per American Foreign Trade Definition (AFTD) for deliveries in North America and for all other orders on a "free carrier" (FCA) Melksham, UK basis under Incoterms 2010 where invoiced out of the UK and on a "free carrier" (FCA) Cadillac, US basis under Incoterms 2010 where invoiced out of Cadillac and shall occur on release of the Goods by Avon to the carrier at Avon's facility.
9. All delivery times stated in any Quotation are estimates only and are based upon conditions ruling at the date of such Quotation. The time of delivery is not of the essence; and while reasonable efforts are made by Avon to deliver within any time specified in the Contract, Avon shall be under no liability whatsoever for any loss suffered by the Customer whether directly or indirectly as a result of delay in delivery whatsoever.
10. In relation to sales of Goods to customers located outside Avon's country of origin, release of the Goods to the nominated carrier is subject to receipt by Avon of government authorization for the associated export and/or import. Delivery times are dependent on and conditioned on receipt of said authorization(s). Avon shall be responsible for obtaining clearance for all export shipments and, subject to Avon using its reasonable endeavors to obtain export clearance, it shall not be liable for any delay or failure to do so. The Customer shall be responsible for requesting and receiving any authorizations for import into the final destination country. If Customer

intends to export or re-export any item after receipt from Avon (including deemed exports), Customer shall request and obtain all necessary licences for the use and/or export of the Goods.

11. The Customer shall make full disclosure to Avon of all information and material that Avon reasonably requires in order to make the necessary applications for export clearance and more generally to perform its obligations under the Contract. Additionally, the Customer will complete or have completed any requested forms and/or certificates. In making such disclosures or in providing such documentation, the Customer will ensure that such information and material is true, accurate and complete in all respects, does not infringe any rights of any third party and is provided within sufficient time to enable Avon to perform its obligations under the Contract. Avon shall not be liable for any delay in the delivery of the Goods which is caused as a result of the Customer's failure to comply with its obligations under this clause.
12. When requested by the Customer, Avon shall provide a certificate of conformance stating that the Goods conform to the requirements of the Contract and that records substantiating conformance are retained by Avon and are available for review upon reasonable request. The certificate shall be issued by Avon's quality assurance representative and shall include the order and Contract number, part numbers and description, Avon specification number, quantities, lot numbers and serial numbers, where applicable. A copy of the certificate of conformance shall be included with the shipping documents for each shipment.
13. If at any time the Customer requests a change in delivery dates, quantities or specifications for the Goods, or Avon suffers any delay caused by any instructions of the Customer or failure of the Customer to give Avon adequate information or instructions, then Avon may accordingly increase the price payable for the Goods or extend the time for their delivery.

Invoicing and Payment

14. Unless otherwise agreed in writing or for credit card orders for which payment is processed and received prior to shipment, Avon shall be entitled to invoice the Customer on or at any time after delivery/transfer of the Goods (or any installment of the Goods) to the nominated carrier.
15. Unless otherwise agreed in writing the Customer shall make payment of Avon's invoice in the currency specified in full and in cleared funds in accordance with the terms specified on the Order Acknowledgement. All such payments shall be made without set-off, counterclaim or deduction of any kind. If payment is to be by letter of credit, such letter of credit shall be a confirmed, irrevocable, sight letter in favor of Avon and must contain the statement: "All banking charges and commissions outside the country of origin are for the account of the opener." Time of payment is of the essence.
16. If the Customer fails to make any payment on the due date then, without prejudice to any other right or remedy available to Avon, Avon shall be entitled to:
 - a. terminate the Contract or suspend any further deliveries of Goods to the Customer; and/or
 - b. charge the Customer interest (both before and after any judgment) on the amount unpaid, such interest to accrue on a daily basis at the rate of 12 per cent per annum from the due date until the date of actual payment.

Risk and Title

17. In respect of Goods originating in the United States of America, the risk of damage to or loss of the Goods and legal title to the Goods shall pass to the Customer when the Goods are collected from Avon's premises by the nominated carrier.
18. In respect of Goods originating in the United Kingdom:
 - a. Risk of damage to or loss of the Goods shall pass to the Customer when the Goods are collected from Avon's premises by the nominated carrier.

- b. Notwithstanding delivery and the passing of risk in the Goods or any other provision of the Contract, the legal title to the Goods shall not pass to the Customer until Avon has received in cleared funds payment in full of the price of the Goods and all other sums due to Avon from the Customer.
- c. Until such time as the legal title to the Goods passes to the Customer, the Customer shall hold the Goods on a fiduciary basis as Avon's bailee; store the Goods separately from all other goods held by the Customer so that they remain readily identifiable as Avon's property; maintain the Goods in a satisfactory condition and keep them insured against all risks for their full price from the date of delivery; and give Avon such information relating to the Goods as Avon may require from time to time. The Customer shall be entitled to use the Goods in the ordinary course of its business to include sale to a bona fide third party purchaser acting in good faith.
- d. Until such time as the legal title to the Goods passes to the Customer and without limiting any other right or remedy Avon may have, Avon shall be entitled at any time to require the Customer to deliver the Goods back to Avon and, if the Customer fails to do so, to enter upon any premises of the Customer or any third party where the Goods are stored and repossess the Goods.

Warranty

19. Avon's warranty details for individual products including the applicable warranty period ("Product Warranty Term") can be found at <https://www.avon-protection.com/other/warranty.htm>. Avon warrants to the Customer that on delivery and for the Product Warranty Period, except where stated differently in the Contract or any other mutually agreed delivery or product paperwork, the Goods will be free from defects in workmanship and materials, and will conform to the specifications, drawings, samples and performance requirements incorporated in the Contract. Avon has and will transfer to the Customer ownership and good title to the Goods delivered, free of all liens, encumbrances, and rights of third parties (except those created by Avon). The warranty period can be extended for some Goods, which if applicable, will be stated in the Contract. Goods previously used for evaluation or demonstration purposes may have a lesser warranty, which if applicable, shall be agreed in writing and/or stated in the Contract.
20. Unless otherwise specifically stated in the Contract, Avon does not warrant the design of the Goods or their fitness for any particular purpose. Avon shall be under no liability in respect of any non-conformity or defect in the Goods:
 - a. which arises from fair wear and tear, wilful damage, use by unauthorized or inexperienced personnel, negligence, abnormal working conditions, failure to follow Avon's instructions (whether oral or in writing), misuse, or alteration or repair of the Goods without Avon's approval; or
 - b. which is not notified to Avon in writing within 30 days after such nonconformity or defect is discovered by or notified to the Customer.
21. Subject as expressly provided in these Conditions, all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.
22. In respect of any breach by Avon of the warranties given by it under clause 18 and the detailed warranties referenced above, Avon's liability to the Customer shall be limited, and at Avon's sole discretion, to:
 - a. repair or replacement of the Goods (or any parts) in question; and/or
 - b. repayment of the price, or a proportion of the price, attributable to the Goods in question.
23. Any Goods to be returned for any reason must be notified to Avon in advance for authorization. Avon will provide the Customer with a return authorization number which must be clearly marked on the shipping containers and reserves the right to levy a returns charge.

24. Avon reserves the right, on giving prior notice to the Customer, to make any changes to the specification of the Goods which are required to conform to any applicable safety or other statutory requirements and which do not materially affect their quality or performance.
25. If applicable, unless agreed otherwise, the Customer shall be responsible for arranging for testing and inspection of the Good at Avon's premises before shipment. Avon shall have no liability for any claim in respect of any defect in the Goods which would be apparent on inspection but which is only discovered after shipment, or in respect of any damage during transit.
26. The Customer shall ensure that the Goods shall only be used in accordance with the instruction manuals and any training supplied by Avon, together with any warning fitted to the Goods. The Customer shall ensure that Goods supplied for ultimate use by non-English speaking consumers shall only be supplied with both the warning fitted to the Goods and the instruction manual translated into the language that will be understood by any such user.
32. AVON HAS A ZERO TOLERANCE APPROACH TO BRIBERY AND CORRUPTION AND IS COMMITTED TO ACTING PROFESSIONALLY, FAIRLY AND WITH INTEGRITY IN ALL BUSINESS DEALINGS AND RELATIONSHIPS. AVON IS COMMITTED TO COMPLYING WITH ALL RELEVANT ANTI-CORRUPTION LAW, INCLUDING THE US FOREIGN CORRUPT PRACTICES ACT AND THE UK BRIBERY ACT 2010. AVON EMPLOYEES ARE PROHIBITED BY AVON CODE OF CONDUCT GUIDELINES FROM REQUESTING OR ACCEPTING ANY OFFER OF FINANCIAL OR OTHER BENEFITS, GIFTS, SAMPLES OR ANY OTHER INDUCEMENT FROM CUSTOMERS, AND CUSTOMERS ARE PROHIBITED FROM OFFERING SUCH BENEFITS, GIFTS, SAMPLES OR INDUCEMENTS TO AVON EMPLOYEES.
33. In respect of Goods originating in the United Kingdom, nothing in these Conditions shall operate to limit or exclude Avon's liability to the Customer for death or personal injury caused by the negligence of Avon, its employees, agents or subcontractors or by fraud (including, but not limited to, fraudulent misrepresentation).

Intellectual Property

27. Avon shall not be liable to the Customer by reason of any negligence or any other tortious action or any representation (unless fraudulent), or any implied warranty, condition or other term, or under the express terms of the Contract, for any loss of anticipated revenue or savings, loss of profits, loss of business opportunities, loss of goodwill or damage to reputation, or any indirect, special or consequential losses or damages, costs, expenses or other such claims for compensation whatsoever (whether caused by the negligence of Avon, its employees or agents or otherwise) which arises out of or in connection with the Contract, except as expressly provided in these Conditions.
28. The entire liability of Avon in respect of any and all claims made against it by the Customer under or in connection with the Contract shall not exceed the total price payable under the Contract, except as expressly provided in these Conditions.
29. Avon shall not be liable to the Customer or be deemed to be in breach of the Contract by reason of any delay in performing or any failure to perform any of Avon's obligations under the Contract if the delay or failure was due to any circumstances beyond Avon's reasonable control, including (but not limited to) act of God, explosion, flood, tempest, fire, accident, terrorism, war or civil disturbance, governmental act or prohibition, import or export embargoes, strikes, lock-outs or other industrial action (whether involving employees of Avon or of a third party), difficulties in obtaining raw materials, labor, fuel, parts of machinery, power failure or machinery breakdown.
30. The Customer shall indemnify Avon against any damages, losses, costs, claims, expenses (including legal fees and disbursements) and other liabilities incurred by Avon as a direct or indirect result of the willful or negligent act or omission or misrepresentation of the Customer or a breach by the Customer of its obligations under the Contract.
31. THE CUSTOMER ACKNOWLEDGES THAT GOODS ORIGINATING IN THE UNITED STATES OF AMERICA MAY CONSTITUTE SIGNIFICANT MILITARY EQUIPMENT UNDER THE UNITED STATES MUNITIONS LIST, INTERNATIONAL TRAFFIC IN ARMS REGULATIONS, OR CONTROLLED UNDER THE EXPORT ADMINISTRATION REGULATIONS, AND THAT THEIR TRANSFER OUTSIDE THE UNITED STATES OF AMERICA OR TO ANY NON-US PERSON IS NOT AUTHORIZED BY THE US GOVERNMENT UNLESS SPECIFICALLY LICENSED. THE CUSTOMER SHALL NOT, WITHOUT THE PRIOR WRITTEN APPROVAL OF AVON AND THE US DEPARTMENT OF STATE, DIRECTORATE OF DEFENSE TRADE CONTROLS, OR THE DEPARTMENT OF COMMERCE, WHICHEVER IS APPLICABLE, RESELL, DIVERT, TRANSFER, TRANS-SHIP OR OTHERWISE DISPOSE OF THE GOODS IN ANY OTHER COUNTRY, EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED THROUGH AN INTERMEDIATE PROCESS INTO OTHER END ITEMS OR SYSTEMS.
34. All copyright, patents, trademarks, design rights, know-how and other industrial or intellectual property of any kind whatsoever whether registered or capable of registration or not, in any part of the world and including all applications and the right to apply for any of the foregoing rights ("Intellectual Property") subsisting in or in relation to the Goods shall remain (as between Avon and the Customer) the absolute property of Avon and no rights in such property are granted to the Customer save for a non-exclusive license to use or resell the Goods for the purposes contemplated by the Contract.
35. Avon shall indemnify the Customer against any claim made against the Customer by reason that the Goods infringe any third party intellectual property rights subsisting at the date of such sale, provided that written notice is given by the Customer to Avon immediately any such claim is made and no admission is made by the Customer in respect of any alleged infringement. In relation to such claims, the Customer shall permit Avon to undertake sole conduct of any defense thereto and any negotiations for settlement thereof. This clause shall have no application to any claim in respect of an infringement or alleged infringement which has arisen by reason of compliance by Avon with any design or instruction furnished by the Customer, nor where the Customer has configured the Goods with third party products and services; and where any such claim is pursued against Avon, the Customer shall indemnify Avon against such claim and any cost or expenses incurred.

General

36. If the Customer commits any material breach of this Contract or becomes insolvent or the subject of proceedings under any law relating to bankruptcy or the relief of debtors or admits in writing its inability to pay its debts as they become due, Avon shall be entitled (without prejudice to any other right or remedy available to it, immediately to terminate the Contract or suspend any further deliveries of Goods and if any of the Goods have been delivered but not paid for, the price payable by the Customer under the Contract shall become immediately due and payable.
37. Avon shall be entitled to perform any of the obligations undertaken by it and to exercise any of the rights granted to it under the Contract through any Avon company which at the relevant time is its holding company or subsidiary or the subsidiary of any such holding company, and any act or omission of any such company shall for the purposes of the Contract be deemed to be the act or omission of Avon.
38. The Customer shall not be entitled to assign or subcontract or otherwise dispose of any of its rights or obligations under the Contract without the prior written consent of Avon.
39. A waiver of any right or remedy under the Contract is only effective if given in writing and shall not be deemed a waiver of any subsequent

breach or default. No delay or failure on the part of any party in enforcing any provision in the Contract shall be deemed to be a waiver or create a precedent or in any way prejudice any party's rights under the Contract. The rights and remedies provided in the Contract are cumulative and are not exclusive of any rights or remedies provided by law.

40. The Contract constitutes the entire agreement and understanding between the parties with respect to its subject matter and the terms of the Contract shall supersede any previous agreements. Each of the parties acknowledges and agrees that in entering into the Contract it does not rely on, and shall have no remedy and waives all rights in respect of, any statement, representation, warranty or undertaking (whether negligently or innocently made) of any person (whether a party to the Contract or not) other than as expressly set out in the Contract as a warranty or representation. The only remedy available to it for breach of such warranties or representations shall be for breach of contract under the terms of the Contract.
41. No variation to the Contract shall be effective unless made in writing and signed by or on behalf of the parties.
42. Except for the ultimate end-user of the Goods, a person who is not a party to the Contract shall not have any rights under or in connection with it.
43. If any provision in the Contract is declared void or unenforceable by any court or other body of competent jurisdiction or is otherwise rendered so by any applicable law, such provision shall to the extent of such invalidity or unenforceability be deemed severable and all other provisions of the Contract not affected by such invalidity or unenforceability shall remain in full force and effect.
44. In respect of Goods originating in the United States of America, the construction, validity and performance of the Contract shall be governed by the laws of the State of Michigan, except its rules as to choice of law. Any controversy or claim arising out of or relating to the contract, not resolved between the parties by following an Alternative Dispute Resolution procedure, shall be settled by arbitration in accordance with the rules of the American Arbitration Association (location Detroit, MI), and judgment upon the award may be entered in any Court (state or federal) having jurisdiction thereof.
45. In respect of Goods originating in the United Kingdom, the construction, validity and performance of the Contract shall be governed by the laws of England and Wales and the parties agree to submit to the exclusive jurisdiction of the courts of England and Wales.
46. If there is any conflict between the provisions of the English language version of these Conditions and any version translated into another language, the former shall prevail.

EXPORT CONTROL

1. Combination:

Avon products and associated technical information are controlled under U.S. export laws and regulations and are subject to the International Traffic in Arms Regulations (ITAR) under the U.S. Department of State (DOS), Directorate of Defense Trade Controls (22 CFR 120-128 and 130) and the Export Administration Regulations (EAR) under the U.S. Department of Commerce (DOC), Bureau of Industry and Security (22 CFR 730-774). Prior authorization from the U.S. Government may be required for any export, re-export, diversion, or transfer.

2. Commerce/EAR Controlled:

Avon products and associated technical information are controlled under U.S. export laws and regulations and are subject to the Export Administration Regulations (EAR) under the U.S. Department of Commerce (DOC), Bureau of Industry and Security (22 CFR 730-774). Prior authorization from the U.S. Government may be required for any export, re-export, diversion, or transfer.

3. State/ITAR Controlled:

Avon products and associated technical information are controlled under U.S. export laws and regulations and are subject to the International Traffic in Arms Regulations (ITAR) under the U.S. Department of State (DOS), Directorate of Defense Trade Controls (22 CFR 120-128 and 130).

They may not be resold, diverted, transferred, or otherwise be disposed of, to any other country or to any person other than authorized end-users or consignees, either in their original form or after being incorporated into other end-items, without first obtaining approval from the U.S. Department of State or use of an applicable exemption.

	LEGACY MASKS		50 SERIES MASKS		ST53 / ST54		AVONAIR	
COUNTRY	Military	Police/Civil	Military	Police/Civil	Military	Police/Civil	Military	Police/Civil
Australia – Commonwealth of Australia	•		•	•	•			•
Austria – Republic of Austria			•	•		•	•	•
Bahrain – Kingdom of Bahrain	•	•	•	•				
Belgium – Kingdom of Belgium	•		•		•			
Bosnia Herzegovina				•				
Brazil – Federative Republic of Brazil	•	•	•	•				
Brunei – Negara Brunei Darussalam	•	•	•		•			
Canada		•		•				
Chile								
Colombia				•				
Costa Rica				•				
Croatia – Republic of Croatia								
Cyprus – Republic of Cyprus	•	•						
Czech Republic								
Denmark – Kingdom of Denmark	•	•	•	•	•	•	•	
Egypt								
Estonia			•					•
Finland			•	•		•	•	
France – French Republic			•	•	•	•	•	•
Germany – Federal Republic of Germany			•	•	•	•		
Greece – Hellenic Republic		•						
Guernsey – Bailiwick of Guernsey (British Crown dependency)	•	•		•				
Hong Kong	•	•		•		•		
Hungary – Republic of Hungary								
Iceland			•			•		
India – Republic of India	•					•		
Indonesia		•	•	•		•		•
Iraq			•					
Ireland – Ireland	•	•	•	•				
Isle of Man (British Crown dependency)	•			•				
Israel – State of Israel			•	•	•	•	•	•
Italy – Italian Republic	•		•	•	•	•		
Japan		•	•	•	•	•		
Jersey – Bailiwick of Jersey (British Crown dependency)	•	•						
Jordan – Hashemite Kingdom of Jordan	•		•					
Kuwait – State of Kuwait	•		•	•				
Latvia			•	•	•			
Lithuania – Republic of Lithuania			•				•	
Luxembourg – Grand Duchy of Luxembourg								

COUNTRY	LEGACY MASKS		50 SERIES MASKS		ST53 / ST54		AVONAIR	
	Military	Police/Civil	Military	Police/Civil	Military	Police/Civil	Military	Police/Civil
Malaysia		•	•	•		•		
Maldives	•	•	•	•				
Malta – Republic of Malta	•	•	•	•				
Mexico – United Mexican States ALL	•			•				
Netherlands – Kingdom of the Netherlands	•	•	•	•	•	•	•	•
New Zealand	•		•	•	•			
Norway	•	•	•	•	•	•		
Oman – Sultanate of Oman	•	•	•	•				
Pakistan – Islamic Republic of Pakistan	•							
Panama				•				
Peru								
Philippines			•					
Poland – Republic of Poland	•	•	•	•	•	•	•	•
Portugal – Portugese Republic	•	•	•	•		•		
Qatar – State of Qatar	•	•	•	•				
Russia				•		•		
Saudi Arabia – Kingdom of Saudi Arabia				•				
Singapore – Republic of Singapore	•	•	•	•		•		•
Slovakia								
South Africa – Republic of South Africa	•	•		•	•			
South Korea				•			•	•
Spain – Kingdom of Spain			•	•				
Sri Lanka	•							
Sweden – Kingdom of Sweden			•	•		•		
Swaziland						•		
Switzerland – Swiss Confederation				•		•		
Taiwan			•	•		•		
Thailand – Kingdom of Thailand	•	•	•	•	•	•	•	
Tunisia		•						
Turkey – Republic of Turkey			•	•		•	•	
Trinidad & Tobago				•				
United Arab Emirates			•	•			•	
United Kingdom – United Kingdom of Great Britain & Northern Ireland	•	•	•	•		•	•	
United States – United States of America		•	•	•	•		•	
Vietnam	•	•						

Notes

CUSTOMER SERVICES

NOTES

Notes

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