

EXOSKIN™-G1

TACTILE CBRN GLOVES

Avon Protection's 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, Avon Protection offer a range of liners to meet the mission profile.

Utilising Avon Protection's material science capability and extensive knowledge of Military and First Responder CBRN requirements, Avon Protection's CBRN gloves offer improved comfort and operational flexibility without compromising on the protection.

PRODUCT HIGHLIGHTS

- Intelligent Liner Solutions
- Smart touchscreen compatibility
- Optimized design for high dexterity
- Quick donning and doffing
- Proven rubber technology

SMART TOUCHSCREEN COMPATIBILITY

Recognizing traditional CBRN gloves limit operational capability, Avon Protection's EXOSKIN™-G1 CBRN gloves have been designed to allow for the handling of touchscreen devices.

QUALITY ASSURANCE

All products are 100% inspected and tested to ensure quality and performance.

INTELLIGENT LINERS

EXOSKIN-G1™ are available complete with Coolmax, touchscreen compatible liners with conductive tips. Other liners solutions are available upon request.



WEARER PROTECTION

- Chemical Warfare Agent (CWA) and Toxic Industrial Chemical (TIC) protection
- Impermeable to biological agents
- Integrates with protective suit ensembles including JSLIST and MkIVA
- Textured for added grip in wet conditions
- Easy to decontaminate
- Ambidextrous

STORAGE

Recommended Storage Conditions
20°C +/- 5°C
Shelf Life
15 years when stored within recommendations
Storage Humidity range
0-100% RH





The latest generation of Avon Protection's EXOSKIN™-G1 CBRN gloves have conductive tips for touchscreen capability.



The EXOSKIN™-G1 CBRN gloves have an optimized design for high dexterity that allows quick donning and doffing.

Sizes and Weights				
Size	Weight (single glove)	Hand Length (mm)	Hand Girth (mm)	EC Size Range
M	62g (2.2oz)	169 - 183	197 - 219	7-8
L	65g (2.3oz)	183 - 197	204 - 226	9-10
XL	74g (2.6oz)	197 - 211	217 - 239	11-12

Performance Summary		
Property	Test Method and Performance	
CWA resistance (Chemical Warfare Agent) Tested against HD, GB, TGD & VX	TOP 8-2-501	< 2µg/cm ² for > 24 hours
TIC resistance (Toxic Industrial Chemical)	Protection against a wide range of TICs, details available on request.	
Biological resistance	Impermeable to biological warfare agents.	
Puncture resistance	EN 388	Level 1
Cut resistance	EN 388	Level 0
Abrasion resistance	EN 388	Level 1
Electrostatic decay	FTMS 191A Method 5931	0.01s
Surface resistivity	EN 1149-1	< 5x10 ¹⁰ Ω (Pass)
Dexterity	EN 420	Level 5

Material Properties		
Property	Test Method and Performance	
Hardness	ISO 48-4	55 nominal
Elongation at break	ISO 37	> 450%
Tear strength	ISO 34-1 (Method C)	> 40 N/mm
Tensile strength	ISO 37	> 10MPa

Size / Part Number					
M	606912	L	606911	XL	606910

CE & UKCA Approval
Approval anticipated 2023

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