

EXOSKIN-G1™

CBRN GLOVES

Avon Protection's 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

- Range of liner solutions
- Smart touch screen compatibility
- Optimized design for high dexterity
- Quick donning and doffing
- Proven rubber technology

SMART TOUCH SCREEN COMPATIBILITY

Recognizing traditional CBRN gloves limit operational capability, Avon Protection's CBRN Gloves have been designed to allow for the handling of touch screen devices.

RANGE OF LINERS

Combined with the CBRN outer glove, Avon Protection offer a range of liners that provide solutions tailored to meet the mission profile.

- 37.5 liners
- Seamless knitted liners
- Antibacterial liners



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 CBRN Gloves have conductive tips for touch screen capability.



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 | 169 - 183 | 197 - 219 | 7-8 |
| L | 65g | 183 - 197 | 204 - 226 | 9-10 |
| XL | 74g | 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 | EN388 | 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 | ASTM D2240 | 58 nominal |
| Elongation at break | ASTM D412 | > 450% |
| Tear strength | ASTM D624 (Die C) | > 40 N/mm |
| Tensile strength | ASTM D412 | > 11MPa |

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