User Instructions
X4 Rescue Stretch

EN

1 Safety Regulations

1.1 Correct Use

⚠ WARNING!

These instructions must be provided to users before use of the product and retained for ready reference by the user. Read this manual carefully before using or maintaining the product. The product will perform as designed only if it is used and maintained in accordance with the manufacturer's instructions. Otherwise, it could fail to perform as designed, and persons who rely on this product could sustain serious injury or death.

This garment is designed to protect the wearer's body, except the head, hands and feet, to be worn in rescue scenarios and associated activities. This clothing is not intended to provide protection during fire entrapment.
All zips and fasteners should be closed when wearing this garment.

1.2 Safety and Precautionary Measures

⚠ WARNING!

- **Heat Stress** - Overexertion in hot conditions while wearing EN 16689 compliant garments may lead to heat exhaustion or heat stroke. Symptoms felt by wearer may be weakness, dizziness, rapid pulse, low blood pressure and headaches.
- In the event of the garment being accidentally splashed by chemicals or flammable liquids, the wearer should immediately withdraw the garment after such an incident. The garment should then be cleaned or withdrawn from service.
- The wearer of this garment must carry out regular inspections to detect obvious damage and deterioration. Whenever a potential problem is detected the garment should be inspected by a trained and competent person, which includes a service provider such as Bristol Uniforms.
- Deficiencies in the thermal protection may be felt through feeling heat more quickly or more easily than before. Getting wet from rain or hose leaks may indicate deficiencies in the moisture barrier.
- Damaged garments, incorrectly fitted garments and heavily soiled garments can present a potential risk to the wearer.
- Detachable linings must always be worn in conjunction with the corresponding outer in order to conform with the levels stated on the garment label.
- Dampness, moisture or wetting inside or outside of the clothing will have an effect on the performance of the garment, which is different from the same garment when in a dry condition.

Electrostatic

- person wearing the electrostatic dissipative protective clothing shall be properly earthed. The resistance between the person's skin and earth shall be less than 108 Ω e.g. by wearing adequate footwear on dissipative or conductive floors.
- Must be worn with static dissipating footwear to ensure connection to earth, or wearer must be properly earthed by suitable means.
- The garment is intended to be earthed via contact with the skin at the wrists / ankles.
- Electrostatic dissipative protective clothing shall not be open or removed whilst in presence of flammable or explosive substances.
- Touch and close fasteners shall not be opened when operating in hazard zones
- Electrostatic dissipative protective clothing is intended to be worn in zones 1, 2, 20, 21 and 22 (see EN 60079-10-1 and EN 60079-10-2) in which the minimum ignition energy of any explosive atmosphere is not less than 0.016 mJ.
- Electrostatic dissipative protective clothing shall not be used in oxygen enriched atmospheres, or in Zone 0 (see EN 60079-10-1) without prior approval of the responsible safety engineer.
- The electrostatic dissipative performance of the clothing can be affected by wear and tear, laundering and possible contamination.
- Electrostatic dissipative protective clothing shall be worn in such a way that it permanently covers all non-complying materials during normal use (including bending movements).

Failure to follow these warnings can result in serious personal injury or death.

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CR: n/a

2 Description

2.1 Materials

The main materials used in this garment are inherently flame resistant. Prior to testing to EN 16689, where pre-treatment is required; the materials were subject to 5 wash/dry cycles. Continued fitness for purpose is dependent on inspection and maintenance in accordance with Regulation (EU) 2016/425.

2.2 Levels of Performance

EN16689:2017

EN ISO 20471: 2013

EN 1149-5:2018

EN 343:2019

The marking on the garment label will show:

Class 4 for Water Penetration

Class 3 for Water Vapor Resistance

X - No whole garment testing performed

3 Fitting

When fitting the coverall firstly position legs in the lower part. Then position arms into sleeves and pull top over shoulders onto the body. Then secure hands to the wristlet using the thumb loop or thumbhole provided and fit gloves and make any adjustment to close cuffs using the adjusters attached. Fit boots and use the leg adjusters to close leg hem onto the boot. Fit anti-flash hood over head with the bib under the collar and over shoulders. Then engage the front fastenings securely up to the neck and close throat tab.
Always remove garments when safely removed from the hazard area. Open the front of the coverall to ventilate the body as quickly as possible in order to cool down. Remove compatible PPE first before the coverall and boots.

4 Cleaning

To ensure long-term performance, a maximum 40 °C reduced action wash in a computer controlled programmable industrial machine is recommended. Use only near neutral, non-ionic detergent. Close all zips and fasteners before washing to protect against damage. Not suitable for domestic tumble drying, air dry only. Suitable for temperature controlled commercial tumble dry at 60 °C to partially dry, then air dry. Garments should be tumble/air dried lining side out.
Decontamination of garments should only be carried out by trained experts or Bristol Uniforms Ltd. The garments should be bagged securely when transported to prevent cross contamination. Repairs should only be carried out by Bristol Uniforms Ltd or an approved repairer.

5 Inspection

The product must be inspected upon receipt, and after each use, heat or chemical exposure, cleaning or deployment. Inspect for the following conditions:

- Contamination from hazardous materials
- Rips, tears, holes and abrasion
- Thermal damage e.g. charring, burn holes or discoloration
- Loss of seam integrity through broken or pulled stitches
- Material integrity – UV light degradation, chemical degradation, broken or frayed fibers
- Label legibility and integrity

If any of these conditions exist, remove the product from service immediately and repair or replace it as applicable. Repairs should only be carried out by Bristol Uniforms Ltd or an approved repairer.

6 Storage and Disposal

Garments should be stored in a dry place and after use must be dried before placing back in storage. Whenever possible store away from direct sunlight, as this can degrade the color, also away from any direct fume sources.
Dispose of products according to your local rules and regulations.

7 Certification Information

This product complies with the provisions of Regulation (EU) 2016/425.
CE
Module B Certified by Shirley Technologies (Europe) Limited, Sky Business Centre, Port Tunnel Business Park, Office 13 Unit 21, Clonshaugh Business & Technology Park, Dublin 17, ROI (I.D. 2895).
Module D Certified by BSI NL. Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, NL (I.D. 2797).
EU Declaration of conformity can be accessed on www.bristoluniforms.com by entering the Product as stated on the garment label.

MSA

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