



NFCC
National Fire
Chiefs Council

The professional voice of the
UK Fire & Rescue Service

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Firefighters Personal Protective Equipment

Standard, Specification and Requirements

Hazardous Materials PPE

Chemical Protection Gloves

Specialist PPE Project – Oct 2021

SCOPE

This performance specification describes the requirements for a protective hazardous material gloves for both male and female fire fighters.

The chemical protection gloves should offer the wearer protection from injuries, which could arise through accidents in the working sector for which the chemical protection gloves is designed.

The chemical protection gloves is to be CE marked to:

BS EN ISO 374-1:2016 – *Protective gloves against dangerous chemicals and microorganisms.*

EN 388 – *Protective gloves against mechanical risks.*

PERFORMANCE REQUIREMENTS

Description and Use

Provision of chemical protection gloves that meets the general and specific needs of Fire & Rescue Service (FRS) operational personnel.

The product must be suited to the range of activities carried out during emergency response and training operations. The product must be of such design, robustness, material and specification to meet the needs of these operations. It should also be simple to clean, repair and maintain (if appropriate).

All test performance data must be submitted with tender document, please indicate compliant and submitted where requested. All documentation to be in English.

Emergency response PPE is designed, following a suitable risk assessment, to protect firefighters from risks that cannot be removed by other means.

Requirement Reference Number	Requirement	Response Criteria
A1	Compliant to BS EN ISO 374-1:2016 – Protective gloves against dangerous chemicals and microorganisms. Permeation performance - Type A Marked at least A, L, M, N, S, T	Evidence from Tenderer shall constitute: (1) Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or; A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. (2) Detailed Product specification.
A2	Compliant to EN 388 – Protective gloves against mechanical risks Abrasion – Level 2 Cut – Level 1 Tear – Level 2 Puncture – Level 1	
A3	Compliant to BS EN ISO 374-5:2016 – Protective gloves against dangerous chemicals and microorganisms.	
A4	Compatibility Gloves are to be suitable so that they can be worn over the sleeve/cuff of a fire tunic compliant to EN 469. Minimum length 300mm	Evidence from Tenderer shall constitute: <ul style="list-style-type: none"> • Detailed Product specification • How the coveralls are compatible with the garments detailed.

Chemical Protection Glove - General Requirements		
B1	To be available in a range of sizes from at least size 6-10 and a facility to provide 'made to measure' for wearers that fall outside standard size ranges.	Evidence from Tenderer shall constitute: <ul style="list-style-type: none"> • Detailed Product specification • The actual sizing chart to be offered via the Framework that evidences that all sizes required will be supplied.
B2	Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance. The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority. If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to	The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement.

	track the garments throughout each stage of the respective service provision. This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement.	
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Chemical Protection Glove - Additional Documentation		
C1	<p>The tenderer shall provide all relevant user documentation and manuals that details how the item is:</p> <ol style="list-style-type: none"> 1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned <p>All of these to be published in English.</p>	<p>Evidence from Tenderer shall constitute:</p> <p>User documents that come with the product detailing all the requirements (1, 2, and 3 as listed) in English on company headed or branded paperwork</p>

Chemical Protection Glove - Optional Fire Service Requirement		
D1	No optional requirements	