



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

Structural Firefighting

Fire Glove

Please note that this standard is currently under review by NFCC PPE and Clothing Committee

Collaborative PPE Project - May 2016

SCOPE

This performance specification describes the requirements for a protective fire glove for both male and female firefighters.

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

The fire glove is to be CE marked to BS EN 659:2003+A1:2008; *Protective Gloves for firefighters*.

PERFORMANCE REQUIREMENTS

Description and Use

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

The product must be suited to the range of structural firefighting, external firefighting and rescue 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.

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

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

One potential emerging risk to firefighter's health is exposure to contaminants as a result of the incidents that they attend; some of these contaminants may be carcinogenic.

All Contractors should be mindful of these emerging risks and as such ensure that the PPE is designed to be easily cleaned and decontaminated. In addition methods for identifying that the PPE may be contaminated should also be considered when designing the PPE.

1. BS EN 659:2003+A1:2008 minimum performance requirements		
2.1	Fire gloves to fully comply with the requirements of to BS EN 659:2003+A1:2008 Required: Independent Certification from an organisation belonging to United Kingdom Accreditation Service (UKAS), or equivalent.	
Additional Information – Required		
2.2	Clause 3.3 Abrasion Resistance: EN 388 performance level 3	
2.3	Clause 3.4 Cut Resistance: EN 388 performance level 5	
2.4	Clause 3.5 Tear Resistance: EN 388 performance level 4	
2.5	Clause 3.6 Puncture Resistance: EN 388 performance level 3	
2.6	Clause 3.8 Convective Heat Resistance: EN 407 level 4	
2.7	Clause 3.16 Resistance of glove to water penetration: EN ISO 20344:2004 Performance Level 2	
2.8	Unique Identification	<p>Details and examples to be submitted and included in pricing schedule.</p> <p>Each fire glove supplied shall be capable of being uniquely identifiable to enable product traceability, such marking may include unique bar-coding and RFIDs tagging.</p> <p>Method to be durable taking into account the use of the item and the recommended cleaning procedures. Labelling should be in a position not to interfere with wearer's comfort and not be easily removed (cut out).</p> <p>In addition suitable area for wearer to add their details, if required; and for this to be reusable.</p>

2.9	Comfort	Fire glove to be comfortable to wear for extensive periods of over one hour.
2.10	Equality and Diversity	<p>A broad range of sizes to encompass both male and female wearers and those of differing ethnic backgrounds.</p> <p>Sizes available: 5 (XXS) -12 (XXXL)</p> <p>Additional sizes available? Please provide detail.</p> <p>And the ability to make special sizes if required. Examples to be given and indication of timescales</p>
2.11	Decontamination and Cleaning	<p>The fire glove must be easily decontaminated and cleaned. Please provide detail and evidence.</p> <p>The glove should be machine washable</p>
2.12	Compatibility	Must be compatible with other products supplied under this tender. Such as ISO 11999-2: 2015
2.13	Lifing	Provide information, in addition to care and maintenance instructions, as to the expected life of the fire glove. may be based on number of washes that the glove may be subjected to (Using BS EN 420: 2009 and a wash such as detailed in ISO 6330: 2012) and still pass the requirements of BS EN 659:2003+A1:2008