

€ 2895

Instructions for Use

INSTRUCTIONS FOR USE

EN

1. Manufacturer, Authorised Representative and Contact

Manufacturer (PPE Regulation correspondence & production control)
Lakeland Fire & Safety
Leltex House, Longley Lane, Manchester, M22 4SY, UK.

Corporate address

Lakeland Fire & Safety
1525 Perimeter Parkway, Suite 325, Huntsville, Alabama 35806, USA

EU Authorised Representative

LHD Group Deutschland GmbH,
Herseler Str. 20-24, 50389 Wesseling, Germany.

2. Notified Bodies and Conformity Assessment (Category III)

These gloves are Category III PPE and are subject to EU type-examination (Module B) and ongoing production quality assurance (Module D) under Regulation (EU) 2016/425 and corresponding UK legislation.

Module D – CE / UKCA quality assurance of the production process

- CE 2895: Shirley Technologies Europe Limited
Sky Business Centres, Unit 21, Block 1
Port Tunnel Business Park, Clonsaugh
Business and Technology Park, Dublin, Ireland
- AB 0338: BTTG
Unit 6, Wheel Forge Way
Trafford Park, Manchester, M17 1EH, United Kingdom

Module B – EU type-examination (CE)

Details of the Module B certificate(s) applicable to ERF240G (certificate number, issuing notified body and scope) shall be listed here by the manufacturer and referenced on the EU Declaration of Conformity.

The **full EU / UK Declaration of Conformity** for ERF240G is available on request from Lakeland Fire & Safety / Lakeland Industries Europe at the addresses given in Section 1 or via the company website.

3. Standards and Classification

These gloves are Category III (complex design) PPE designed to provide protection against thermal risks (heat and/or fire) when used correctly and as part of an appropriate PPE ensemble.

They are certified in accordance with:

- EN ISO 21420:2020+A1:2024 – Protective gloves – General requirements and test methods (innocuousness, sizing, comfort, marking, and information).
- EN 407:2004 – Protective gloves against thermal risks (heat and/or fire).

Where applicable, performance levels are marked next to the relevant EN 407 pictogram on the glove or packaging, in the fixed order defined in EN 407 (burning behaviour, contact heat, convective heat, radiant heat, small splashes of molten metal, large quantities of molten metal).

The test methods and levels are determined on unused gloves under laboratory conditions and indicate **relative performance only**. They do not directly correspond to a safe working time in all real use conditions.

4. Intended Use

ERFC240G gloves are intended to:

- Provide hand protection against thermal risks such as contact heat and/or convective heat and/or radiant heat and/or limited flame and/or molten metal splash, as indicated by the performance levels marked on the glove.
- **EN 407:2004** Provide thermal protection in work where heat from electric arc events may be present, when used as part of a complete and correctly specified arc protective clothing system.

These gloves **do not** provide electrical insulation and **are not** suitable for live working in accordance with electrical insulating glove standards (e.g. EN 60903). Separate, suitable electrical insulating gloves must be used where live working protection is required.

Use only for the hazards and within the limits corresponding to the performance levels marked on the glove / packaging and described below.

5. Performance levels and marking (EN 407)

On the glove or immediate packaging you will find the EN 407 pictogram (heat and/or fire) together with six performance levels in the following order:

1. Burning behaviour
2. Contact heat
3. Convective heat
4. Radiant heat
5. Small splashes of molten metal
6. Large quantities of molten metal

Example format on marking (for illustration only):

Where each letter is a digit 0–4 or X:

- 0 = performance below level 1 (does not meet minimum requirement for that property)
- 1–4 = performance levels, where higher numbers generally indicate higher performance for that hazard
- X = the glove has not been tested for that property or the test is not applicable to the design or material

You must refer to the actual marking on the product for the specific performance levels achieved.

EN 407:2020



4XXXXX



To download EU Declaration of Conformity for Lakeland products: please use the URL below or QR code.

https://www.lakeland.com/uploads/data-sheets/Europe/Declarations-of-Conformity/DeclarationsOfConformity_v3.pdf

LAKELAND
FIRE + SAFETY

EN	FR	DE	IT	ES	NL	DA	SE	NO	FI	PL	CS	HU	EE	SK	HR	TR	LI	PT	EL	ZH	AR
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

6. Limitations of use

- Use only where the hazards and exposure levels are compatible with the performance levels marked on the gloves.
- These gloves must not be exposed to direct, continuous, or intense open flame, especially where the burning behaviour performance level is low (e.g. level 1 or 2).

EN 407:2020

- Not suitable for protection against:
 - Live electrical work or mains voltage contact.
 - Chemicals, solvents, oils or other hazardous substances unless specifically stated elsewhere in Lakeland documentation.
 - Cryogenic hazards, liquid nitrogen or extremely low temperatures.
- If protection is provided only to part of the hand (e.g. specific reinforcements), this will be stated in the product literature and/or marking.

EN ISO 21420:2020+A1:2024 Use in close proximity to rotating machinery must be risk assessed. For high tear-resistance gloves there is a risk that the glove could be pulled into moving parts; where such hazards exist, use of gloves and machine guarding must be considered together.

7. Sizes and fit

- Size is marked on the glove (e.g. "13").
- Select the correct size to ensure good dexterity and to avoid excess tightness, which can reduce circulation and comfort.
- Gloves that are too loose may compromise grip and increase the risk of entanglement.

8. Donning, use and doffing

Before use:

1. Inspect both gloves for damage: holes, tears, cuts, abrasion, hardening, thinning, burn marks, contamination, discolouration or seam failure. Discard any glove showing such defects.

EN ISO 21420:2020+A1:2024

2. Check the marking to confirm the gloves are suitable for the intended task and hazard levels.
3. Ensure hands are clean and dry before donning where practicable.

Donning and use:

- Pull each glove fully onto the hand so that the fingers reach the ends and the cuff overlaps any sleeve as intended; ensure no bare skin is exposed at the wrist.
- When used for arc-related risks, these gloves must be worn with compatible arc-rated garments and PPE (clothing, helmet, face and eye protection, footwear) to achieve the required arc protection for the body.
- Do not alter or modify the glove (e.g. cutting off fingers, punching holes, adding tapes) as this can significantly reduce protection.

Doffing:

- After exposure to heat, allow the glove surface to cool before removal.
- Remove by grasping the cuff and pulling away from the hand, avoiding contact with any contaminated outer surface.
- If the glove is contaminated with hazardous substances, follow the site's decontamination and disposal procedures.

9. Cleaning, decontamination and reuse

Unless separate cleaning instructions (care symbols or text) and a maximum number of cleaning cycles are provided by Lakeland for this specific product, ERF240G gloves should be considered **non-launderable PPE** and replaced when soiled, contaminated or degraded.

Follow only the stated care symbols and do not exceed the specified maximum number of cleaning cycles. The performance levels are based on testing before and after the claimed number of cleaning cycles; further cleaning may reduce performance below the stated levels.

Never use aggressive solvents, bleach, fuel or abrasive cleaning methods, as these can damage the materials and reduce thermal performance.

10. Storage, ageing and shelf life

- Store in a cool, dry, clean place away from direct sunlight, dust,

chemicals, oils, humidity and ozone sources (e.g. electric motors), in the original packaging where possible.

- Avoid compression, sharp folding or heavy loads on top of packaged gloves to prevent deformation.
- If an obsolescence date is indicated on the packaging (hour-glass symbol), do not use the gloves beyond that date.
- Prolonged storage, UV exposure and contamination may degrade performance; gloves showing signs of ageing or damage must be discarded.

11. Allergies and skin compatibility

The materials used comply with the innocuousness requirements of EN ISO 21420 as applicable (e.g. limitations on certain chemicals such as DMFa and PAHs in relevant materials).

If you experience redness, itching, blistering or any other skin reaction while wearing the gloves, remove them immediately and seek medical advice. On request, Lakeland will provide information concerning substances used in the glove known to cause allergies, where applicable.

12. Disposal

- Dispose of used gloves in accordance with local regulations and site procedures.
- Gloves contaminated with hazardous substances (e.g. oils, chemicals, biological agents, heavy metals) may require treatment as hazardous waste.
- Do not incinerate gloves in uncontrolled conditions where burning may release hazardous fumes.

13. Combination with other PPE

For arc-related and high-thermal-risk applications these gloves must be worn as part of an integrated PPE system that may include, as appropriate:

- Arc-rated coveralls or multi-layer garments
- Arc-rated hood / visor or face shield
- Safety helmet and eye protection
- Hearing protection
- Suitable safety footwear

The overall level of protection in an arc event depends on the performance of the full ensemble and the work method, not on the glove alone.

14. Integrity checks before each use (summary for workers)

Before every use:

- Confirm the product marking (EN ISO 21420, EN 407 and performance levels) is legible.
- Check: no holes, cracks, tears, burns, severe abrasion, hardening, contamination or seam failure.
- Verify correct size and fit.
- Confirm suitability of the glove performance levels for the task and expected exposure.
- Replace immediately if any defect or doubt exists.