

LINCOLN ELECRTIC IBERIA S.L.
Carretera Laurea Miro, 346-398
08980 Sant Feliu De Llobregat, Spain

Instruction for use
Protective Gloves for welding operations
art. MIG IRON ALU W10420
8695- 8985 rev.00

Model: MIG IRON ALU W10420 Leather: art. "Pelle Crosta PC 1,1-1,3 B" ice, yellow, orange, light grey, medium grey, avio, black Aluminized fabric 100% para-aramid	Category (R.E.216/425): III^ Size: 10
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PLEASE READ THESE INSTRUCTIONS CAREFULLY

Current legislation (**Italian Legislative Decree 81:2008**), holds the employer (user) responsible for the identification and choice of appropriate PPE for the risks present in the workplace (in terms of the features and category of PPE). It is therefore essential to check that the features of this model are appropriate for your requirements before beginning to use it. The employer must also inform the worker in advance of the risks the PPE protects against, providing instruction and/or training in proper use and practical utilization of the PPE if necessary. This Note must be kept for the entire time in which the PPE is in use.

Notified body: Centro Tessile Cotoniero e Abbigliamento S.p.A., Piazza Sant'Anna 2, 21052 Busto Arsizio VA - European notification number 0624, Category (EU) 2016/425:
The chosen Notified Body for Conformity to type assessment is: 0624

USE

The garments described in this note comply with the specifications contained in European standards and are suitable for the use described below; They are NOT suitable for any other use.

European Regulation (UE) 2016/425 on personal protective equipment and repealing Council Directive 89/686/EEC

EN ISO 21420:2020: (general requirements for innocuousness, ergonomics and sizes),

EN 388:2019: requirements for protection against mechanical risks, for maintenance work, plant cleaning, work with tools, metal structural work, handling of metal profiles, grinding and/or removal of burr, carpentry, handling of objects with sharp corners and of rough or abrasive objects.

EN 407:2004: requirements for protection against heat risks, for occasional contact with small flames and for contact with hot objects at temperatures not exceeding 100°C

EN 12477:2001+A1:2005: requirements for welders

GENERAL WARNINGS

The values obtained in the technical examinations conducted to determine performance levels are reported in the section on PERFORMANCE.

As they are made of the same material throughout, the specified performance values may be extended to all parts of the glove. The gloves are made to ensure that they are not themselves a cause of risk or interference for the user; the materials they are made of have been selected to offer the best performance and the greatest durability, and there are, to the best of our current knowledge, no contraindications for their use.

The gloves have been manufactured to ensure that there are no points (such as stitching or accessory parts in direct contact with the skin) that could cause excessive irritation or injury to the wearer.

The specified safety features are guaranteed only if the gloves are of the correct size, worn correctly, fastened up, and in perfect condition. Inspect them before each use to make sure that they are in perfect condition, integral and clean; replace them if they are not integral (loose stitches, breakage or holes); if they are dirty, clean as described in the MAINTENANCE section. The manufacturer shall not be held liable for any damage or other consequences of improper use, or if the PPE has been modified in any way with respect to its certified configuration. If the instructions provided in this note are not followed, the PPE will lose its technical and legal effectiveness.

The user must not remove the gloves at any time while in the work area at risk.

SPECIFIC WARNINGS

Gloves must not be worn in the presence of a risk of entanglement in moving parts of machinery.

With reference to standard EN 12477, type B gloves are recommended when great dexterity is required, as in TIG welding. Type A gloves are recommended for all other welding procedures. Gloves protect the hands and wrists during welding procedures and related operations against splattering of small quantities of molten metal, brief exposure and contact with small flames, convective heat, heat due to contact and UV rays from the arc (there is no test method for measuring penetration of UV rays in the materials the gloves are made of, but the methods currently used to make protective gloves do not permit penetration of UV rays). They also protect against mechanical aggression.

If the gloves are to be used during arc welding: The material the gloves are made of offers minimal electrical resistance up to 100 V (DC) during arc welding. These gloves do not protect against electric shock from defective equipment or work performed under voltage, and electrical resistance will be reduced if the gloves are wet, dirty or sweaty, which could add to the risk.

INTERPRETATION OF PERFORMANCE LEVELS

EN 21420:2020	requirements	results
Dexterity	level 1= 11 mm level 2= 9.5 mm level 3= 8 mm level 4= 6.5 mm level 5= 5 mm	Level 5
Determination of pH	3.5<pH<9.5	Pass
Chrome VI content	< 3 mg/kg	Pass

EN 388:2019	requirements	results
Abrasion resistance	level 1 =100 cycles level 2 =500 cycles level 3 =2000 cycles level 4 =8000 cycles	Level 4
Resistance to cutting with a blade	level 1 =1.2 index level 2 =2.5 index level 3 =5.0 index level 4 =10 index level 5 =20 index	Level 1
TDM Resistance to cutting with a blade	level A =2 level B =5 level C =10 level D =15 level E =22 level F =30	Not performed
Resistance to tearing	level 1 =10 N level 2 =25 N level 3 =50 N level 4 =75 N	Level 3
Resistance to perforation	level 1 =20 N level 2 =60 N level 3 =100 N level 4 =150 N	Level 4

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Attenuation of impact on knuckles	Single result, highest force: Average force of all tests:	≥ 9 kN ≥ 7 kN	Not performed
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Indexes indicate, in order from left to right:

- abrasion
- resistance to cutting
- resistance to tearing
- resistance to perforation
- TDM resistance to cutting (E)
- Attenuation of impact (P)

The glove is composed of different layers, thus the overall classification does not necessarily reflect the performance of the outermost layer.

EN 388:2016



4 1 3 4 x

EN 12477:2001+A1:2009	Levels	Type	Results
Abrasion resistance	level 1=100 cycles level 2=500 cycles	B A	Type A
Resistance to cutting with a blade	level 1=1.2 index	B A	Type A
Resistance to tearing	level 1=10 N level 2=25 N	B A	Type A
Resistance to perforation	level 1=20 N level 2=60 N	B A	Type A
Fire reaction	2 3	B A	Type A
Resistance to contact heat	1		Pass
Resistance to convective heat	HTI ≥ 7		Pass
Resistance to splattering of small quantities of molten metal	2 (15 drops) 3 (25 drops)	B A	Type A
Vertical electrical resistance	>10 ⁵ Ω		N/A

EN 407:2004	Minimum requirements	Results
Fire reaction	1: ≤ 20s post combust. 2: ≤ 10s post combust. 3: ≤ 3s post combust. 4: ≤ 2s post combust.	level 4
Contact heat	1: ≥ 15 s at 100°C 2: ≥ 15 s at 250°C 3: ≥ 15 s at 350°C 4: ≥ 15 s at 500°C	level 1
Convective heat	1: ≥ 4 s 2: ≥ 7 s 3: ≥ 10 s 4: ≥ 18 s	level 3
Radiating heat	1: ≥ 7 s 2: ≥ 20 s 3: ≥ 50 s 4: ≥ 95 s	level 3
Splattering of small quantities of molten metal	1: ≥ 10 drops 2: ≥ 15 drops 3: ≥ 25 drops 4: ≥ 35 drops	level 4
Projection of large quantities of molten metal	1: ≥ 30 g 2: ≥ 60 g 3: ≥ 120 g 4: ≥ 200 g	level 4

Indexes indicate, in order from left to right:

- reaction to flame
 - contact heat
 - convective heat
 - radiating heat
 - splattering with small quantities of molten metal
 - splattering with large quantities of molten metal
 - An index of X indicates that the glove has not been tested for this type of risk.
- The performance level is defined for the whole glove, including all layers*

EN 407:2004

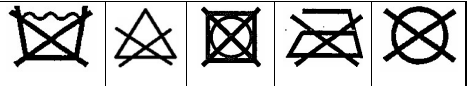


4 1 3 3 4 4

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MARKINGS (example)

Manufacturer's name	LINCOLN ELECRTIC IBERIA S.L. Carretera Laurea Miro, 346-398 08980 Sant Feliu De Llobregat, Spain
Name	Glove art. MIG IRON ALU W10420 III category
UKCA marking/CE marking	 0624
Symbol indicating mechanical risks and protection indexes (abrasion, cutting, tearing, perforation)/ symbol of thermal risks /	EN 388:2019  4 1 3 4 x EN 407:2004  4 1 1 3 3 4
Size	Size 10 

/ Read note/ CE marking

Declarations of Conformity is attached to these MANUFACTURER'S INSTRUCTIONS

TRANSPORTATION AND STORAGE

Transport and store the garment in its original package, in a cool, dry place far away from heat sources and protected from light. Do not fold or crush.

OBSOLESCENCE DATE: until consumed by wear, if kept in good condition

DISPOSAL

If the garments have not been contaminated with particular substances or products, they may be disposed of along with ordinary fabric waste; if they are contaminated, they must be disposed of in accordance with legislation governing special waste

MAINTENANCE INSTRUCTIONS: scrupulously follow the instructions given below.

				
Do not wash	Do not bleach	Do not dry	Do not iron	Do not dry clean

THE MARKING:  guarantees free circulation in the trade of products and goods within the European Economic Community. EC marking on the product means that it meets the essential requirements of UE regulation 2016/425.

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EU DECLARATION OF CONFORMITY

The manufacturer :
LINCOLN ELECRTIC IBERIA S.L.
Carretera Laureana Miro, 346-398
08980 Sant Feliu De Llobregat, Spain

Declares, under his sole responsibility, that the PPE described hereafter:

Protective gloves against mechanical risks, thermal hazards for welders

MIG IRON ALU W10420 - SIZE 10

Is in conformity with the relevant Union harmonization legislation:

(UE) 2016/425 "European regulation on personal protective equipment"

EN ISO 21420:2020 "General requirements for safety, ergonomics and sizes"

EN 388:2019 "Requirements for protection against mechanical risks, for maintenance work, plant cleaning, work with tools, metal structural work, handling of metal profiles, grinding and/or removal of burr, carpentry, handling of objects with sharp corners and of rough or abrasive objects."

EN 407:2004 "Requirements for protection against heat risks, for occasional contact with small flames and for contact with hot objects at temperatures not exceeding 100°C"

EN 12477:2001+A1:2005 "Requirements for welders"



Is identical to the PPE which is the subject of EU type-examination certificate:

N° CE1585220209-00-00 issued by 0624 Centro Tessile Cotoniero e Abbigliamento S.p.A. - P.zza Saint'Anna, 2 – 21052 Busto Arsizio (VA) – Italia

the PPE is subject to the conformity assessment procedure conformity to type based on internal production control combined with product tests under official supervision carried out at random intervals

(module C 2) under the surveillance by the notified body 0624 Centro Tessile Cotoniero e Abbigliamento S.p.A. - P.zza Saint'Anna, 2 – 21052 Busto Arsizio (VA) – Italia

Marie-Faustine CAMPS

Accessories and Personal Protective Equipment Product Manager EMEAR

Done at Barcelona on 4th May 2022
Signed for and on behalf of: LINCOLN ELECRTIC IBERIA