



Instruction Manual:

IM8695-8971

Protective Gloves for welding operations

Rev 1, June 2024

MODELS: MIG UNIVERSAL CONFORT: WG-MIG-1-CE-T9 / WG-MIG-1-CE / WG-MIG-1-CE-T11
 MIG UNIVERSAL CONFORT LADY: WG-MIG-1-CE-T9-L / WG-MIG-1-CE-T8-L
 MIG UNIVERSAL CONFORT +: WG-MIG-2-CE-T9 / WG-MIG-2-CE / WG-MIG-2-CE-T11
 TIG FLEX SENSITIVE: WG-TIG-8-CE / WG-TIG-9-CE / WG-TIG-10-CE / WG-TIG-11-CE
 TIG FLEX SENSITIVE LADY: WG-TIG-8-CE-L / WG-TIG-9-CE-L

READ THESE INSTRUCTIONS CAREFULLY

Current legislation 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 Cottoniero e Abbigliamento S.p.A., Piazza Sant'Anna 2, 21052 Busto Arsizio VA - European notification number 0624, Category (EU) 2016/425: II^A

Composition:

- Split leather and grain leather in 1.1-1.3 mm variants
- Category (R.E.216/425): II^A
- Sizes: 8-9-10-11

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 Directive (UE) 2016/425: harmonization of member states' PPE legislation.

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

EN 388:2016 + A1:2018: 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

MARKINGS (example)

Manufacturer's name

Description
Item number

Symbol indicating mechanical risks and protection indexes (abrasion, cutting, tearing, perforation) / symbol of thermal risks / Read note/ CE marking / Size

Manufacturer's address
Country of origin

LINCOLN[®] ELECTRIC

MIG UNIVERSAL CONFORT
part n° WG-MIG-1-CE

EU 2016/425
EN 12477:2001 + A1:2005
EN 388:2016 + A1:2018
2 1 2 2 X X
EN 407:2007
4 1 3 2 4 X

UK
CA
CE
size
10

 www.lincolnelectric.com

LINCOLN ELECTRIC IBERIA, S.L.
Carretera Laureo Miró 396-398, 08980, Sant Feliu de Llobregat, Barcelona - SPAIN

MADE IN ITALY

LINCOLN[®] ELECTRIC

TIG FLEX SENSITIVE 10
part n° WG-TIG-10-CE

EU 2016/425
EN 12477:2001 + A1:2005
EN 388:2016 + A1:2018
2 1 2 2 X X
EN 407:2007
4 1 3 2 4 X

UK
CA
CE
size
10

 www.lincolnelectric.com

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MADE IN ITALY

You can find the Declarations of Conformity on the web site: www.lincolnelectric.com

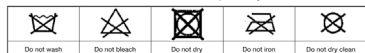
TRANSPORTATION AND STORAGE

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.



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.

INTERPRETATION OF PERFORMANCE LEVELS

EN ISO 21420:2020	requirements	results
Dexterity	level 3 = 8 mm	Level 3
Determination of pH	3,5<pH<9,5	Pass
Chrome VI content	<3 mg/kg	Pass

Gloves with split leather palm: WG-MIG-1-CE-T9 / WG-MIG-1-CE / WG-MIG-1-CE-T11 / WG-MIG-1-CE-T9-L / WG-MIG-1-CE-T8-L / WG-TIG-8-CE / WG-TIG-9-CE / WG-TIG-10-CE / WG-TIG-11-CE / WG-TIG-8-CE-L / WG-TIG-9-CE-L

EN 388:2016 + A1:2018	requirements	results
Abrasion resistance	level 4 = 8000 cycles	Level 4
Resistance to cutting with a blade	level 2 = 2,5 index	Level 1
Resistance to tearing	level 3 = 50 N	Level 3
Resistance to perforation	level 4 = 150 N	Level 4

EN 388:2016
+A1:2018



4 1 3 4 X

Gloves with grain leather palm: WG-MIG-2-CE-T9 / WG-MIG-2-CE / WG-MIG-2-CE-T11

EN 388:2016 + A1:2018	requirements	results
Abrasion resistance	level 2 = 500 cycles	Level 2
Resistance to cutting with a blade	level 1 = 1,2 index	Level 1
Resistance to tearing	level 3 = 25 N	Level 3
Resistance to perforation	level 2 = 60 N	Level 2

EN 388:2016
+A1 :2018



2 1 3 2 X

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 12477:2001+A1:2005	Levels	Type	Results as sampled
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 with small quantities of molten metal	2 (15 drops) / 3 (25 drops)	B / A	Type A
Vertical electrical resistance	>10 ⁵ Ω	B / A	Pass

EN 407:2004	Minimum requirements	Results
Fire reaction	4: ≤2 s post-combust.	level 4
Contact heat	1: ≥15 s a 100 °C	level 1
Convective heat	3: ≥10 s	level 3
Radiating heat	2: ≥20 s	level 2
Splattering of small quantities of molten metal	4: ≥35 drops	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 2 4 X



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