 **MANUAL**

WELDAS PRODUCT:
10-2050
EN12477:2001+A1:2005, Type A

This product is in compliance with the regulation (EU) 2016/425

Glove type: welding glove **Trade mark:**   **Size:** see imprint on glove

Sizing according to EN420 : 2003 + A1 : 2009

| Hand Size Index | 7½ | 8½ | 9 | 9½ | 10½ |
|-----------------------------|-----|-----|-----|-----|-----|
| Weldas Size Label | S | M | L | XL | XXL |
| Measurement in mm | 190 | 216 | 229 | 241 | 267 |
| Total length of glove in mm | 320 | 320 | 330 | 340 | 350 |



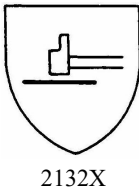
Health information:
The pH, Chromium (VI) and PCP levels of all materials have been tested and meet CE health standards.
Coloring: coloring is done by using natural materials

Instruction for use:
This glove is intended to be used as a welding glove for MIG/MAG as well as electrode welding.
There is no standardised test method at present for detecting U.V. penetration of materials for gloves but the current methods of construction of protective gloves for welders do not normally allow penetration of U.V. radiation.
With arc welding installations, it is not possible to protect all parts conducting the welding voltage against direct contact for operational reasons.
The service life depends on the degree of wear and use intensity in the respective application areas. Temporal information is therefore not possible.
This glove should not be worn when there is a risk of entanglement by moving parts of machines.

The following explains the pictograms marked on the glove:

Mechanical risks: EN 388:2016 + A1 : 2018

| Digit | Test Resistance | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|-------|------------------------|---------|---------|---------|---------|---------|
| 1st | Abrasion (# cycles) | 100 | 500 | 2000 | 8000 | — |
| 2nd | Blade cut (index) | 1,2 | 2,5 | 5,0 | 10,0 | 20,0 |
| 3rd | Tear (Newton) | 10 | 25 | 50 | 75 | — |
| 4th | Puncture (Newton) | 20 | 60 | 100 | 150 | — |
| 5th | TDM Cut resistance (N) | A | B | C | D | E |
| | | 2 | 5 | 10 | 15 | 22 |
| | | | | | | F |
| | | | | | | 30 |



Warranty:
This product is warranted against manufacturing defects.
Because applications vary, it is the user's responsibility to identify the right product for each application.

Washing, drying and ironing:
No washing, tumble drying and ironing is allowed.

Thermal risks: EN 12477 : 2001+A1 : 2005

| Digit | Test resistance | Digit | Test Resistance |
|-------|-------------------|-------|----------------------------------|
| 1st | Burning behaviour | 5th | Small splashes of molten metal |
| 2nd | Contact heat | | |
| 3rd | Convective heat | 6th | Large quantities of molten metal |
| 4th | Radiant heat | | |



UV:
Within this norm there is no test method indicated on UV radiation but, normally, this will give no problem with these materials used.

If indication on product is "X": than the indicated position has not been tested

EN12477 : 2001 + A1 2005: Protective gloves for welders (minimum requirements)

| Requirements | EN | Type A | | Type B | |
|---------------------------------|----------|----------------|---------------------|----------------|---------------------|
| | | Minimum Rating | Minimum Rating | Minimum Rating | Minimum Rating |
| Electrical Insulation | pr1149-2 | | R≥10 ⁶ Ω | | R≥10 ⁵ Ω |
| Abrasion Resistance | EN388 | 2 | 500 cycles | 1 | 100 cycles |
| Blade Cut Resistance | EN388 | 1 | Index 1,2 | 1 | Index 1,2 |
| Tear Resistance | EN388 | 2 | 25 N | 1 | 10 N |
| Puncture Resistance | EN388 | 2 | 60 N | 1 | 20 N |
| Burning Behaviour | EN407 | 3 | | 2 | |
| Contact Heat Resistance | EN407 | 1 | 100 C | 1 | 100 C |
| Convective Heat Resistance | EN407 | 2 | HTI≥7 | 0 | |
| Small Molten Splash Resistance | EN407 | 3 | 25 Droplets | 2 | 15 Droplets |
| Dexterity (pick up of rod dia.) | EN420 | 1 | ≤11mm | 4 | ≤6,5mm |

Electrical danger:
When gloves are intended for arc welding: these gloves do not provide protection against electric shock caused by defective equipment or live working, and the electrical resistance is reduced if gloves are wet, dirty or soaked with sweat, this could increase the risk.

Materials used:
Black split cowhide and white grain cowhide are used for this glove.
COMFOflex® lining at the back of the glove.
Flame retardant fabric 520 gr./m² for the cuff.
This glove is sewn with 3 ply Dupont KEVLAR®.

Ageing:
changing of the product performance over time during use or storage
Note 1 to entry: Ageing is caused by a combination of several factors, such as the following:
- cleaning, maintenance, or disinfecting process;
- exposure to visible and/or ultraviolet radiation;
- exposure to high or low temperatures or to changing temperatures;
- exposure to chemicals including humidity;
Each product contains a label with a unique code for traceability of the production process.

- exposure to biological agents such as bacteria, fungi, insects, or other pests;
- exposure to mechanical action such as abrasion, flexing, pressure, and strain;
- exposure to contaminants such as dirt, oil, splashes of molten metal, etc.;
- exposure to wear and tear.

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Storage: Store dry and at temperatures over 5° Celcius. Do not stack higher than 5 cartons on 1 pallet

Caution: Weldas gloves and clothing have been tested and certified at TÜV Rheinland LGA Products GmbH Tillystraße 2, D-90431 Nürnberg, Germany (EU no. 0197).
For more information on EN standards, testing methods, test reports, product certifications, and other products, please e-mail us at: europa@weldas.eu or visit our web site: www.weldas.com
Declaration of conformity, test report, certificate, manual: www.weldas-ce.com