

**ROBOD**

CATEGORY II

### Instructions for Use, Storage and Maintenance of Protective Gloves for Welders

# ŽUBR®

PREMIUM

**Application:**

The ŽUBR® PREMIUM model protective gloves for welders are type A gloves which meet the requirements of the EN 12477:2001/A1:2005 standard. They are made of cow split leather, lined on the inner side.

They are designed to protect hands while carrying out welding operations and related works. The gloves protect hands from mechanical hazards (wear resistance: grade 3, cut resistance: grade 1, tear resistance: grade 3, puncture resistance: grade 3) and thermal hazards (flammability: grade 4, resistance to contact heat up to 100 deg. C: grade 1, resistance to convection heat: grade 3, resistance to minor splashes of molten metal: grade 4).

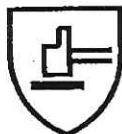
The ŽUBR® PREMIUM model protective gloves for welders conform to the relevant requirements of the EU harmonisation legislation: Regulation (EU) 2016/425. The declaration of conformity is available on the website [www.robod.pl/ce](http://www.robod.pl/ce)

**Explanation of designations:**

		1 1			
1	2	3	4	5	6
1. Manufacturer's name.	4. Date of production year/month				
2. Designation of gloves.	5 Make yourself familiar with these instructions before use.				
3. Glove sizes: 10, 11	6. The gloves conform to the relevant requirements of the EU harmonisation legislation:				

The gloves have been tested in accordance with the requirements of the following standards: EN ISO 21420:2020 , EN 388:2016+A1;2016, EN 407:2020 and EN 12477:2001/A1:2005.

EN 388:2016



a b c d e

Protection level	Effectiveness level
A - Wear resistance (0-4)	3
B - Cut resistance /indicator/ (Coupe Test) (0-5)	1
C - Tear resistance (0-4)	3
D - Puncture resistance (0-4)	3
E - Cut resistance (TDM) [N] (A-F)	X

The effectiveness levels presented in the table refer to the palmar part of the gloves.

EN 407:2020



F G H I J K

Protection level	Effectiveness level
F - Limited propagation of flame (0-4)	4
G - Resistance to contact heat (0-4)	1
H - Resistance to convective heat (0-4)	3
I - Resistance to radiant heat (0-4)	X
J - Resistance to small splashes of molten metal (0-4)	4
K - Resistance to large splashes of molten metal (0-4)	X

The X- mark means that the glove is not designed for protection against a specific hazard and has not undergone a specific kind of testing.

**Mark: 0** - indicates that the glove does not conform to the lowest effectiveness level for the specific hazard.

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**Disposal:**

Dispose in conformity with the local regulations mandatory in the given country.

**Cleaning and maintenance:**

Clean soiled gloves with a dry cloth or soft brush, do not wash.

**Transportation and storage:**

Gloves should be stored and transported in a genuine package, in a cool, dry and airy place, far from light points, protected from soiling, mechanical damage and impact of chemicals. It is recommended not to store the gloves for more than 5 years following the date of production.

**NOTE:**

- ① Glove sizes should be selected to fit the hand size.
- ① We recommend you to visually inspect the gloves to check if they have not been damaged. Damaged gloves (abrasions, tears, possibly rips etc.) should be immediately withdrawn from use
- ① The type A gloves are recommended for most welding processes except those which require a high degree of dexterity, e.g. the TIG welding.
- ① The materials used to manufacture the ŽUBR® PREMIUM model protective gloves have not been found to contain substances likely to cause allergic reactions although in case any allergic reaction is shown, particularly by sensitive persons, they must leave the hazard zone, take off the gloves and consult a physician.
- If the tear resistance of the gloves is higher than 1, the gloves should not be used near rotating parts of machinery.
- ① Presently, there is no standardised test method available which would make it possible to detect penetration of the UV radiation through the material used to make the gloves; however, the contemporary methods used to make protective gloves for welders do not allow the UV radiation penetration.
- ① For technical reasons, arc welding systems do not allow all welding voltage-carrying parts to be protected from direct contact.
- ① In case of the arc welding process, the gloves do not provide protection against an electric shock caused by damage to the equipment. The electric resistance of the gloves is reduced when the gloves are wet, soiled or soaked with sweat. These factors may increase the electric shock risk.
- ① In case of materials blunting the blade during the cut resistance test (according to EN 388:2016 point 6.2, "Coupe Test"), the test results are approximate while the cut resistance test result (acc. to EN 388:2016, point 6.3, "TDM") is a reference result.
- ① A list of allergenic substances is available from the manufacturer.
- ① Not intended for household use

To get additional information, please contact the manufacturer:

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[www.robod.pl](http://www.robod.pl)

The EU type assessment certificate was issued by the notified body: Sieć Badawcza Łukasiewicz- Łódzki Instytut Technologiczny (No 1439) Marii Skłodowskiej-Curie 19/27, 90-570 Łódź Poland