

**EN 12477:2001/ A1:2005, EN 388:2003, EN 420+A1:2009****PPE CATEGORY II**

**Product, model:** "PATON" 3610 001 800 11 (0005-04) - five-fingered gloves made from black split cow leather, with cotton liner, length 35 cm - welding gauntlets.

"PATON" 3610 002 600 11 (0005-04A) - five-fingered gloves made from blue split cow leather, with cotton liner, length 35 cm - welding gauntlets.

**Size:** 11

**Type:** Considering its construction and resistance against impacts of heat, the gloves are designated for protection of hands and wrists at manual welding and cutting of metals and binding processes - **version class: A class** - for flame welding / **B class** - for arc welding. The gloves for welders provide protection against small particles of melted metal spattered around, against short-term impact of not very large flames, against heat transferred by convection, against heat transferred by conduction at contact, and against UV rays from electric arc. The material of the gloves ensures minimum electric resistance at electric arc welding under 100 V. In addition to that, it protects against adverse mechanical impacts.

**Restrictions on use:** Protective gloves for arc welding are not intended to provide protection in case of defective welding unit or its improper use or working under voltage. They are not suitable for protection against electric shock where gloves designed according to EN 60903 must be used. If the gloves are wet, soiled or soaked with sweat, the electric resistance is reduced and risk may be increased.

Levels of performance are based upon the results of laboratory tests, which do not necessarily reflect actual conditions in the workplace. The protection levels (classes) are determined based on the tests carried out in accordance with the conditions determined in the valid standards specified below. (The higher the number, the higher the protection factor).

|                |         |                                            | 0005-04                 | 0005-04A |                                                                                                     |
|----------------|---------|--------------------------------------------|-------------------------|----------|-----------------------------------------------------------------------------------------------------|
| EN 388:2003    | A (0-4) | Abrasion resistance:                       | levels of performance 2 | 2        | <br>A.B.C.D.     |
|                | B (0-5) | Blade cut resistance:                      | levels of performance 1 | 1        |                                                                                                     |
|                | C (0-4) | Tear resistance:                           | levels of performance 4 | 4        |                                                                                                     |
|                | D (0-4) | Puncture resistance:                       | levels of performance 3 | 3        |                                                                                                     |
| EN 407:2004    | A (0-4) | Burning resistance:                        | levels of performance 4 | 4        | <br>A.B.C.D.E.F. |
|                | B (0-4) | Contact heat resistance:                   | levels of performance 1 | 1        |                                                                                                     |
|                | C (0-4) | Convecting heat resistance:                | levels of performance 3 | 3        |                                                                                                     |
|                | D (0-4) | Radiant heat resistance:                   | levels of performance X | X        |                                                                                                     |
|                | E (0-4) | Resist. to small splashes of molten metal: | levels of performance 4 | 4        |                                                                                                     |
|                | F (0-4) | Resist. to large splashes of molten metal: | levels of performance X | X        |                                                                                                     |
| EN 420+A1:2009 | (1-5)   | Dexterity:                                 | levels of performance 4 | 4        |                                                                                                     |

"X" = gloves were not put to this test. The results apply only for the model classes, not for the protection levels (classes).

The protective gloves for welders are classified based on the protection level that they provide into two classes: A or B. Class B gloves are recommended for processes requiring better gripping properties, such as WIT (TIG) welding. Class A gloves are recommended for other welding processes.

The gloves should as far as possible be worn in dry conditions and protected from unnecessary soiling from both the inside and outside.

In case of gloves with multiple layers, which may be separable, the above mentioned levels (classes) are valid only for the full glove with all layers.

**Electrostatic features:** The gloves are designed to prevent conductible connection between their inner and outer parts. Internal electric resistance of the gloves of A and B class must be  $>1.10^5 \Omega$ . The gloves were tested in accordance with EN 12477/A1 article 3.4.

**Maintenance, lifetime:** Check the condition of the gloves before each use. Replace frayed, burnt-through, strongly soiled or hardened pairs with new ones.

The gloves do not require any special maintenance. Damp gloves should be dried out at a room temperature. Gloves should not be washed. Any dirt should be brushed out using a soft brush. Do not clean chemically, bleach, dry in a tumble dryer, or iron.

Based on observance of the prescribed maintenance the stability of required properties essential for assessment of compliance with the above specified technical standards is guaranteed.

**Storage, transportation:** Storing in a clean, dry and ventilated place at the room temperature, without any contamination by moisture, dirt, mould, or other agents reducing the level of protection. Do not expose it to solar radiation. The supplier is not responsible for damage caused in this way. Transport gloves in original packaging.

**Accessories:** The product is supplied without any accessories.

**Caution!** There are currently no normalized testing methods for detecting the penetration of UV radiation through the material of the gloves, but the currently used design methods for protective welding gloves usually prevent the penetration of UV radiation.

For additional protection of body – all clothes, clothing parts and footwear worn with this type of gloves must be also adapted for provision of protection against electrostatic and welding risks, e.g. "MOFOS" welding clothing and footwear.

These gloves are not to be used in areas where exists a risk of catching by moving machinery parts (close to moving mechanisms).

The information presented here can contribute to the user's reasonable use of this type of work gloves. It is the responsibility of each user to assess whether they are using the gloves under suitable conditions.

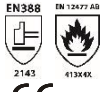
Materials which come into contact with the user's skin can cause an allergic reaction in sensitive individuals. It may contain trace amounts of chromium - leather is tanned with chromium. If skin irritation or allergic reaction contact your doctor immediately.

**Disposal:** Used gloves may be contaminated with infections or other hazardous substances. Handle with them according to the law on waste.

The Notified Body that performs conformity assessment: Notified Body No. 1023, ITC - Institut pro testování a certifikaci, a. s., Třída T. Bati 299, 764 21 Zlín, Czech Republic.

The Declaration of Conformity can be found here: [www.canis.cz](http://www.canis.cz); for individual products, in the bar "Documents to download".

Example of glove labelling:

|                                                                                    |                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| "PATON"                                                                            | Name of gloves                                                                |
| 11                                                                                 | Size of gloves                                                                |
|  | Pictogram - designation of norm and level of protection the gloves conform to |
|  | Results of the tests carried out                                              |
| cat II                                                                             | Conformity mark                                                               |
|  | Glove category                                                                |
| 'A'                                                                                | Symbol indicating the necessity to read the instructions                      |
|  | Production identification                                                     |
|  | Manufacturer's identification                                                 |

