

INFORMATIONAL BROCHURE WELDING SHIELD MOD. 405.

The welding shield mod. 405 has been designed following European Standard EN 175 and the health and safety requirements of Royal Decree 1407/1992.

Agency involved in the design phase: **National Center for Protection Measures No. 0159**. Autopista de San Pablo s/n. 41007 SEVILLE

Information

Welding without facial or eye protection is dangerous and can lead to burns and glare, and even permanent blindness in the most serious of cases. The welding shield and the filter lens protects against the following dangers that can arise in welding work when used correctly, such as glare, UV/IR radiation heat, sparks, splashes. The welding shield mod. 405 should only be used with the following equipment: welding filter and interior and exterior protection filter case.

Scope of application

The welding shield mod. 405 along with the welding filter and protection filter case are supplied exclusively for arc welding, such as welding rods, MIG/MAG and WIG/TIG, welding and cutting with plasma arc with temperatures ranging from - 10 °C to + 70 °C (14 °F to +158 °F).

Use and assembly

Consult the information brochure relating welding filters and check to see if the filter is suitable for the planned welding method. Make sure that neither the filter chosen nor the filter cases are dirty, dusty, wet, broken or scratched. Note that the welding filter with solar cells must be assembled onto the solder mask in the direction of the arc. The harness contour band must be placed on the cranial perimeter so that it fits perfectly onto the head. The harness is also adjustable at the front and top. Once it has been correctly adjusted, position the shield so that it covers the entire face and neck.

Do not use any tools or sharp objects to remove the welding filter or filter cases since this may damage or scratch both the welding filter and the welding shield, which could affect its correct operation, and may render the guarantee null and void.

Maintenance and transport

Whenever the welding shield, welding filters and filter cases become wet or dirty, they should be cleaned with a soft cloth and mild soapy water and then dried. For hygienic reasons, the front and rear bands must be replaced if they become excessively dirty. Filter cases must be checked and replaced regularly, due to the fact that the dirt, the sun's rays or splashes affect vision.

Storage and transport

Attention should be paid to ensure that the welding filter and filter case do not become damaged. No objects should be placed on top of the shields nor should they be stored close to cutting materials. The storage location should be dry and at a temperature between - 10° C and + 40° C.

Expiration

The useful life of a welding shield is estimated to be 10 years whenever the conditions of storage and preservation are met.

Warnings

The welding shield mod. 405 should only be used with a welding filter and filter case. A wrong choice of welding filter may involve loss of the protective effect. The scope of application defined in the respective information brochure must be observed at all times.

- The welding shield offers no absolute protection for the face and eyes.
- The welding shield should be checked on a regular basis and damaged or worn parts must be replaced immediately.
- Prolonged welding work can create a working temperature of greater than +70° C, which exceeds the prescribed temperature range.
- In the event of a malfunction or insufficient vision, the welding filters should be replaced immediately.
- In case of dirt, damage or damaged vision, filter cases must or welding filters must be replaced immediately.