



USER INSTRUCTIONS

For health and safety reasons, please read this information carefully

This garment is classed as Personal Protective Equipment (PPE) by the E.C. Directive 89/686/EEC, and has been shown to comply with this directive through the harmonised European Standards EN ISO 11612:2015, IEC 61482-2:2009 and EN1149-5:2008. The garment carries the CE mark to demonstrate compliance with the Directive.

1. Scope of Protection

This clothing is designed to protect the wearer from brief contact with heat and/or flame, and to avoid incendiary discharges in areas where there is a risk of ignition by electrostatic discharge, including in sensitive flammable atmospheres such as air / hydrogen. It may also be worn by industrial workers who are involved in electrotechnical work where there may be an electric arc hazard.

See internal garment identity label for the style code and fabric content. .

The garment meets the following classifications:

- Limited flame spread after washing five times, according to ISO15025:2000 - face (code A1)
- Convective heat when tested in accordance with ISO9151:1995 (code B Level 1)
- Radiant heat when tested in accordance with ISO6942:2002 (code C Level 1)
- Half decay time $t_{50} < 4s$, shielding factor $S > 0.2$ according to EN1149-3:2004
- Box Arc test to IEC 61482-1-2 (Class 1 4kA)

This protective clothing should only be used for the purposes indicated. No item of protective clothing can provide full protection, and care must always be taken while carrying out the risk related activity. The wearer should be properly earthed eg by wearing adequate footwear. The resistance between the person and the earth shall be less than $10^8 \Omega$

2. Limitations of Use

This clothing does not protect against large splashes of molten metal in foundry operations. Nor is it designed to protect against small splashes of molten metal from welding and similar processes.

It should not be used in oxygen enriched atmospheres without prior approval of the responsible safety engineer.

The limited flame spread properties will be reduced if the clothing is contaminated with chemicals or flammable materials. If this occurs, the wearer should withdraw, remove the garment and arrange for it to be cleaned. Dirty clothing may also lead to a reduction in protection.

The electrostatic dissipative performance of the clothing can be affected by wear and tear, laundering and possible contamination.

3. Fitting and Sizing

Only wear clothing of a suitable size. Garments which are either too loose or too tight may restrict movement, and may not provide the optimum level of protection. The wearer can only be protected if the garment is fully fastened, including neck fastening. It should permanently cover all non-complying materials during normal use. It should not be removed whilst in the presence of flammable or explosive atmospheres, or whilst handling flammable or explosive substances.

4. Compatibility

To optimise protection it may be necessary to wear other items of protective clothing such as helmet, face screen, gloves, boots, undergarments etc. No undergarments or under layers should be used which melt under arc exposure eg made from polyamide, polyester or acrylic.

5. Modifications

No garment should be modified in any way by the addition of extra pockets, flaps, badges, fasteners etc. In its' original state the garment complies with European Standards and is CE marked accordingly. Any modification will invalidate the CE mark, and Alsico can accept no responsibility if this instruction is ignored.

6. Repair

This garment should be inspected regularly for any damage to the outer fabric. If it becomes damaged it may not provide the optimum level of protection and should be either replaced or repaired immediately. Never use the damaged garment.

Repairs may be carried out provided the fabric and materials used comply with EN ISO 11612:2015, IEC 61482-2:2009 and EN1149-5:2008. If in doubt consult the manufacturer.

7. Aftercare

This garment should be cleaned regularly. Wash separately from non-FR garments. A label with the appropriate cleaning instructions is affixed to the garment. Never use a heavily soiled garment.



8. Storage

When not in use store the garment in a dry area away from direct sunlight.

Certification by BTTG Testing & Certification Ltd, Trafford Park, Manchester, M17 1EH. Notified Body Nos. 0338 & 0339

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