

IEC/EN 61482 SERIES



By **BEESWIFT**[®]

IEC EN 61482-1-1: 2009

This incorporates the “open arc” test method which is used in the US, and it measures the Arc Thermal Performance Value (ATPV) of the fabric in cal/cm².

The end user can select the correct clothing systems by ensuring the ATP value of the fabric is greater than the incident heat energy of the arc.

IEC EN 61482-1-2: 2007

The “box arc” test method is based on the European method described in ENV 50354, with a heat transfer measurement. Materials are classified as Class 1 (4kA) or Class 2 (7kA).

IEC 61482-2: 2009

Performance requirements for materials, and design requirements for garments.

Buyers Checklist / What Should You Be Looking For?

1. Where is my garment made? Has the production facility been fully audited to the highest standards? Is the production facility certified to Article 11B?

ARTICLE 11B of the PPE Directive 89/686/EEC:-

Requires the manufacturer to evidence using their quality system that consistent production of the certified Cat 3 product is maintained.

11B assessments are carried out by independent registered certified auditors on a regular basis while the item of PPE remains in production.

Unannounced audits of the manufacturer’s site can take place where all documented evidence must be made available for assessment.

Ask your supplier for proof of compliance.

2. What tests have been carried out on the garments, and not just the fabric? All CLICK ARC garment styles have been tested individually to the following standards where appropriate:-

EN ISO Standards



EN ISO 13688:
2013



EN ISO 1149-3:
2004



EN ISO 1149-5:
2008



EN ISO 11612:
2008 / 2015



EN ISO 11611:
2007



IEC 61482-2:
2009



EN 61482-1-2:
2007



EN 61482-1-1:
2009



EN ISO 20471



EN ISO 20471
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ORANGE ONLY

Ask for a copy of all current certificates to support the level of protection being offered.

3. Is the garment / item fit for purpose? Over the past 15 months the CLICK ARC developers have worked not only on the 3c's - COMPLIANCE, CONFORMITY, CERTIFICATION, but have also added a fourth which is COMFORT. User satisfaction in all areas of the 4c's is paramount to the correct and proper usage of the items provided. Every feature has been thought through from the pocket arrangements to the triple stitching in key stress areas. The fabric has been developed to allow soft flexible comfort without compromising the PROTECTION.

4. Is the item in STOCK? Absolutely, in many cases up to size 58" chest and short, regular and long leg lengths in some styles

5. What about waterproof garments? Testing is virtually complete and the CLICK ARC Team expect salopettes and jackets in solid yellow and orange to all the above standards when applicable plus EN 343 to be available by December 2016.

Contact us at clickarc.co.uk for further information.



3CS™

Compliance, Conformity, Certification
This is what we do, that is what you get