

Heat Protection

Objective

Using different testing procedures, the protective effect of the textile and clothing against heat is investigated. Protective clothing is designed to protect the wearer against heat and flames over a wide area of applications.



The test is particularly well-suited for

- Woven fabric or leather for protective clothing
- Protective jackets, protective pants, protective overalls, head coverings and gaiters

Description

The test of the protective clothing is carried out according to the standards DIN EN ISO 11612 or DIN EN ISO 14116.

- Textiles will be tested after different standards in accordance with the requirements of DIN EN ISO 11612 or DIN EN ISO 14116
- Clothing will be checked for their construction
- Clothing will be classified according to the test results
- Evaluation of the results achieved with regard to the requirements of the fabric or clothing
- Combination with other standards possible, e.g. with DIN EN ISO 20471

Advantages for you as customer

- Consumer safety
- Proof of functionality
- Ensuring that the requirements of the Regulation (EU) 2016/425 are fulfilled

Reports and certificates

After the tests are completed, a report is written with a detailed description of the test samples and the tests.

After passing the tests on test samples, an attestation can be issued and used for marketing purposes.

After fulfilling the requirement for clothing, an EU Type-Examination Certificate may be issued.

Requirements for test samples

General information:

- Tests are carried out partly in new condition and after use simulation (pre-treatment). In consultation with the customer, the number and the method of pre-treatments will be defined.

Amount of material:

- At least 2 - 3 current meters of test sample, accessories
- At least two clothing systems

Duration of testing:

- 15-20 working days for material test after receipt of test sample

Certification:

- Appr. 8-10 weeks