

Visibility clothing

Objective

Using different testing procedures, the visibility effect of the textile and the clothing is investigated. Protective clothing is used to visually signal the presence of the wearer. The aim is to make the person visible in a dangerous situation in various lighting conditions on the day and when illuminating with vehicle headlights in the dark.

The test is particularly well-suited for

- Woven fabrics, knitted fabrics and laminates for protective clothing
- Visibility clothing (jackets, vests, shirts, coats, pants, overalls)

Advantages for you as customer

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



Description

The test of the protective clothing is carried out according to the standards DIN EN ISO 20471 or DIN EN 1150.

- Textiles will be tested according to the requirements of DIN EN ISO 20471 or DIN EN 1150 and their related test standards.
- 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 is possible, e.g. DIN EN 343

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 a 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 1.5 current meters of test sample, accessories
- At least two pieces of clothing in smallest size

Duration of testing:

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

Certification:

- Appr. 6 weeks