



Sleep Comfort of Duvets

Objective:

The evaluation system for duvets or quilts measures and assesses thermal insulation and "moisture management" as a person is perceiving it in practical use. Two graphs included in the test report can be used to define necessary thermal insulation class. They can help salespeople to give advice and the customer to choose the optimal duvet.

The tests are particularly suited for:

- Duvets or quilts for adults with down or fibre batting

Description:

At first the thermal manikin is used to measure thermal insulation of the ready-made duvet to determine the thermal insulation class. In addition, the Skin Model is used to measure material specific values such as thermal and water vapour resistance, water vapour absorbency and the buffering capacity of water vapour. The evaluation system delivers two sleep comfort votes each for warm and cold conditions. Both votes can range from 1 "very good" to 4 "inadequate".

Your advantages as client:

- Objective measurement of heat and moisture management of the duvet
- Marketing aid to advice consumers
- Sleep comfort votes highlight premium quality products

Labels and certificates:

- Hohenstein Quality Label "Thermal Insulation Class" following measurements of thermal insulation using a thermal manikin
- Hohenstein Quality Label "Sleep Comfort Vote" in combination with "Thermal Insulation Class" if all test are carried out

Requirements for test samples

General:

- Duvets are tested in new condition.

Amount of material:

- 2 normal-sized duvets (135 cm by 200 cm)

Duration of testing:

- Dependent on the amount and nature of the material (15 working days following receipt of test sample)

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