

# *Sleep Comfort*

## **Product. Test. Label.**

Often the first question we're asked in the morning is: 'Did you sleep well?' A question that you would certainly like to ask your customers every morning. Hohenstein will do that for you. We objectively and neutrally measure and evaluate how your customer feels about sleeping comfort in practical use. Good moisture and sweat management as well as good thermoregulation stand for this. Confirmed by our label.

### **This test is particularly suitable for**

Duvets or quilted beds for adults with down, feather or fibre fillings

### **Description**

With the thermal manikin, the effective thermal insulation is first determined and the duvet is classified into one of three thermal insulation classes. The Hohenstein Skin Model according to DIN EN ISO 11 092 is then used to measure material specific values such as thermal and water vapour resistance, water vapour absorbency and buffering capacity of water vapour.

The determined values are converted into 'sleep comfort grades' for warm climate and cold climate with the help of an evaluation system to characterise the thermophysiological properties of the duvet. These marks can be between "very good" and "unsatisfactory".

## Customer benefit

- Objective measurement of heat and moisture management
- Supporting arguments for purchase advice
- Highlighting of higher quality products due to better comfort properties
- Consumer safety through tests by a neutral institute

## Marketing Instruments – Labels and Certificates

Passing the requirements (one Sleep Comfort Vote  $\leq 2,0$  and the other Sleep Comfort Vote  $\leq 2,5$ ) the product may be awarded the Hohenstein Quality Label 'Sleep Comfort'.

## Test sample requirements

### General

- The measurements are performed in new condition

### Quantity of material

- 2 standard-sized duvets (GER: 135 cm x 200 cm)

### Duration of the test

- Depending on the amount and nature of the material;  
approx. 15-20 working days