

## **Abstract**

**Title:** Comparison of thermal comfort of sleeping bag according to EN 13537

**Objectives:** Objectives of the proposed work was to measure the temperature inside the sleeping bag during sleeping. Then to compare it with the information given on the labels of sleeping bags.

**Methods:** This work has a experimental character. In our work we have used methods of experiment and field study. These methods were used to sample 7 sleeping bags from various manufacturers.

**Results:** The information reported by manufacturers always do not correspond to real use of sleeping bags. EN 13537 has primarily orientation character. For the choice of sleeping bags we do not recommend to follow according only to the EN 13537. It is necessary to follow other parameters of sleeping bags (type and weight of insulation material and construction of chambers).

**Keywords:** sleeping bag, EN 13537, thermal comfort