



## Cold insulation

### Objective

This test verifies a sole's ability to insulate against cold environments.

### Principle

The test consists in measuring the temperature drop observed on the insole inside a shoe placed in a  $-17^{\circ}\text{C}$  environment.

Type: [Physical and mechanical test](#)

Standard: [EN ISO 20344](#)

Product: [Footwear](#)

Criteria: [Performance](#)

*Last modified on 2025-04-23*