



Cold insulation of outsole complex (CI)

Objective

This test verifies a sole's ability to insulate from a cold environment.

Principle

The test consists in recording the temperature drop observed on the insole inside a safety shoe placed in a -17°C environment.

Type: [Physical and mechanical test](#)

Standards: [EN ISO 20344 §5.16](#) / [EN ISO 20345 §6.2.3.2](#)

Product: [Footwear](#)

Criteria: [Mechanical risk](#) / [PEE](#)

Component: [Whole shoe](#)

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