



Heat insulation of outsole complex (HI)

Objective

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

Principle

The test consists in recording the temperature rise observed on the insole inside a safety shoe placed in a 150°C environment.

Type: [Physical and mechanical test](#)

Standards: [EN ISO 20344 §5.15](#) / [EN ISO 20345 §6.2.3.1](#)

Product: [Footwear](#)

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

Component: [Whole shoe](#)

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