



Waterproofing

Objective

This test assesses a product's watertightness.

Principle

The opening of the test tube is closed, for example with a rubber collar allowing compressed air to be introduced.

The test tube is then immersed in a tub of water up to the rim, and a constant pressure (30 kPa) is applied inside for 30 sec.

Observation of the test tube detects the formation of continuous air bubbles, indicating a leak.

Type: [Physical and mechanical test](#)

Standards: [EN ISO 20344 §5.7](#) / [ISO 20345 §5.3.3](#)

Product: [Footwear](#)

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

Component: [Whole shoe](#)

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