



Top piece retention strength

Objective

This test measures the force required to detach the right toe from the underside of the shoe heel.

Principle

The test consists of measuring the force required to remove the toe-cap. The test is performed on a dynamometer. The result is the pull-out force of the toe-cap, expressed in N*.

* Newton

Type: [Physical and mechanical test](#)

Standard: [EN ISO 19958](#)

Product: [Footwear](#)

Criteria: [Mechanical resistance](#)

Component: [Top piece](#)

Last modified on 2025-04-22