



Tear resistance

Objective

This test is used to check the intrinsic tear propagation resistance of the outsole material.

Principle

The test consists of measuring the force required to propagate a notch on a trouser- shaped sample taken from a sole. The test is performed on a dynamometer at a rate of 100 mm/min.

The result corresponds to the tearing force expressed in N* or in N/mm**.

* Newton.

** Newton per mm.

Type: [Physical and mechanical test](#)

Standards: [EN ISO 20344 §8.3](#) / [EN ISO 20345 §5.8.3](#)

Product: [Footwear](#)

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

Component: [Outsole](#)

Last modified on 2025-05-21