



Flex resistance whole shoes

Objective

This test is used to assess footwear's resistance to repeated flexing, and is applicable to most types of footwear. It can be used to check for the appearance of defects such as delamination and cracking....This test can be carried out to mechanically age the shoe prior to other tests.

Principle

The test consists of subjecting a shoe to a defined number of flexions in the forefoot area. The test is performed at a frequency of 140 cycles/minute, with a bending angle of 30°. The standard recommends 50,000 flexions. The result corresponds to the number of flexions required to degrade the shoe.

Type: [Physical and mechanical test](#)

Standard: [EN ISO 24266 Méthode A](#)

Product: [Footwear](#)

Criteria: [Other tests](#)

Component: [Whole shoe](#)

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