

## Flex resistance (small size)

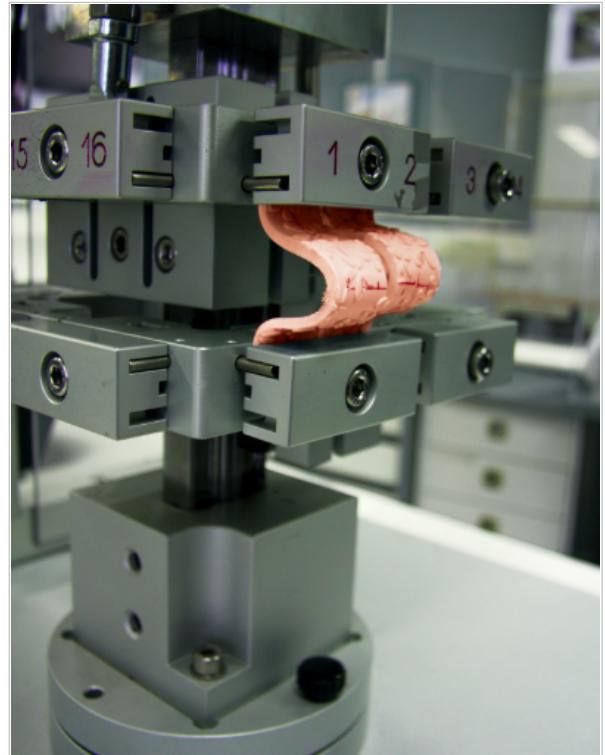
### Objective

This method is used to evaluate the repeated flex resistance of elastomer soles. It is specially reserved for children footwear (size below 34).

### Principle

The test consists of pre-cutting a 2 mm notch in a specimen taken from the flex zone, and monitoring the increase in the notch. The test is performed on a De Mattia flexometer, at 150 cycles per minute.

The result corresponds to the notch increase at the end of the cycle (100,000 flexes), expressed in mm.



Type: [Physical and mechanical test](#)

Standard: [ISO 132](#)

Product: [Footwear](#)

Criteria: [Mechanical resistance](#)

Component: [Outsole](#)

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