

ICS 61.060

English Version

**Footwear - Performance requirements for components for
footwear - Uppers (ISO/TR 20879:2007)**

Chaussures - Exigences de performance pour les
composants des chaussures - Tiges (ISO/TR 20879:2007)

Schuhe - Anforderungen an das Gebrauchsverhalten von
Schuhbestandteilen - Obermaterialien (ISO/TR
20879:2007)

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Foreword

This document (CEN ISO/TR 20879:2007) has been prepared by Technical Committee CEN/TC 309 "Footwear", the secretariat of which is held by AENOR, in collaboration with Technical Committee ISO/TC 216 "Footwear".

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Foreword

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ISO/TR 20879 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 309, *Footwear*, in collaboration with Technical Committee ISO/TC 216, *Footwear*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Footwear — Performance requirements for components for footwear — Uppers

1 Scope

This Technical Report establishes the performance requirements for uppers components for footwear (not for the finished footwear), irrespective of the material, in order to assess the suitability for the end use. It also establishes the test methods to be used to evaluate the compliance with the requirements.

This Technical Report applies to uppers for all kinds of footwear as defined in Clause 3.

This Technical Report is intended to be used as a reference between the footwear manufacturer and the supplier. It is not intended for third party certification of finished shoes destined for the consumer.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 31-0, *Quantities and units — Part 0: General principles*

EN 1391, *Adhesives for leather and footwear materials — A method for evaluating the bondability of materials — Minimum requirements and material classification*

EN 1392, *Adhesives for leather and footwear materials — Solvent-based and dispersion adhesives — Test methods for measuring the bond strength under specified conditions*

EN ISO 4047, *Leather — Determination of sulphated total ash and sulphated water-insoluble ash*

EN ISO 4098, *Leather — Chemical tests — Determination of water-soluble matter, water-soluble inorganic matter and water-soluble organic matter*

EN ISO 17693, *Footwear — Test methods for uppers — Resistance to damage on lasting*

ISO 17694, *Footwear — Test methods for uppers and lining — Flex resistance*

ISO 17696, *Footwear — Test methods for uppers, lining and insoles — Tear strength*

ISO 17697, *Footwear — Test methods for uppers, lining and insoles — Seam strength*

ISO 17698, *Footwear — Test methods for uppers — Delamination resistance*

ISO 17699, *Footwear — Test methods for uppers and lining — Water permeability and absorption*

EN ISO 17700, *Footwear — Test methods for uppers, linings and insoles — Colour fastness to rubbing*

ISO 17701, *Footwear — Test methods for uppers, lining and insoles — Colour migration*

ISO 17702, *Footwear — Test methods for uppers — Water resistance*

ISO 17703, *Footwear — Test methods for uppers — High temperature behaviour*

ISO 17704, *Footwear — Test methods for uppers, lining and insoles — Abrasion resistance*

ISO 17705, *Footwear — Test methods for uppers, lining and insoles — Thermal insulation*

ISO 17706, *Footwear — Test methods for uppers — Tensile strength and elongation*

ISO 17709, *Footwear — Sampling location, preparation and duration of conditioning of samples and test pieces*

EN ISO 19952, *Footwear — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN ISO 19952 apply.

4 Requirements

4.1 General

This Technical Report establishes two different types of performance requirement.

The essential requirements shall all be taken into account. The additional ones can be additionally agreed by the component supplier and the footwear manufacturer as indicated in 4.2 to 4.10.

The results of each single analytical determination, as well as the average values, shall be rounded off in accordance with ISO 31-0.

When taken from finished footwear, the sample shall be prepared in accordance with ISO 17709.