



International

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**ISO**  
**5403-1**  
**IUP 10-1**

## **Leather — Determination of water resistance of flexible leather —**

### **Part 1: Repeated linear compression (penetrometer)**

*Cuir — Détermination de l'imperméabilité à l'eau des cuirs souples —*

*Partie 1: Compression linéaire répétée (pénétrromètre)*

**Second edition  
2025-11**

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Published in Switzerland

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IULTCS, originally formed in 1897, is a world-wide organization of professional leather societies to further the advancement of leather science and technology. IULTCS has three Commissions, which are responsible for establishing international methods for the sampling and testing of leather. ISO recognizes IULTCS as an international standardizing body for the preparation of test methods for leather

This document was prepared by the Physical Test Commission of the International Union of Leather Technologists and Chemists Societies (IUP Commission, IULTCS) in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 289, *Leather*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 5403-1:2011), which has been technically revised.

The main changes are as follows:

- alignment with the changes and revised terminology in ISO 2418 and ISO 2419;
- addition of [Clause 3](#);
- modification of the testing conditions ([5.3](#)).

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