

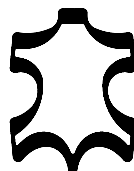
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**IULTCS
IUF 435**

First edition
1998-05-01

Leather — Tests for colour fastness — Colour fastness to machine washing

*Cuir — Essais de solidité des teintures — Solidité des teintures au lavage
en machine*



Reference number
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IULTCS/IUF 435

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 15702 was prepared by the Fastness Tests Commission of the International Union of Leather Technologists and Chemists Societies (IUF Commission, IULTCS). It is based on IUF 435 published in *J. Soc. Leather Tech. Chem.*, **76**, pp. 180-182 (1992), and declared an official method of the IULTCS in October 1993.

Annexes A and B of this International Standard are for information only.

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Introduction

In some countries, it has become customary to wash items containing leather components, such as sport shoes, rucksacks etc., in washing machines. Also labels on clothing that are washed in machines are sometimes made of leather. In order to assess leathers designed to be used for such items, a machine washing test method has been developed. This International Standard assesses the colour fastness of such leathers under relatively severe conditions, using an alkaline detergent, which has been developed for textiles. It is not intended to replace ISO 15703, *Leather — Tests for colour fastness — Colour fastness to mild washing*, which assesses the colour fastness of leather to mild hand washing.

The detergent specified in this International Standard contains a high percentage of phosphate, which may affect some leather dyes unfavourably and which is, for environmental reasons, reduced or even banned from use in commercial textile detergents in many countries. But no other internationally agreed detergent is available and it fulfils the purpose of the test, which is to measure the colour fastness of leather to a process that is characteristic for textiles. As soon as such an alternative detergent is agreed on internationally, a revision of this method will be considered.