

Second edition
2016-09-15

Rubber- or plastics-coated fabrics — Determination of roll characteristics —

Part 2: Methods for determination of total mass per unit area, mass per unit area of coating and mass per unit area of substrate

*Supports textiles revêtus de caoutchouc ou de plastique —
Détermination des caractéristiques des rouleaux —*

*Partie 2: Méthodes de détermination de la masse surfacique totale, de
la masse surfacique du revêtement et de la masse surfacique du support*



Reference number
ISO 2286-2:2016(E)

© ISO 2016

This is a preview of "ISO 2286-2:2016". Click here to purchase the full version from the ANSI store.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

This is a preview of "ISO 2286-2:2016". [Click here to purchase the full version from the ANSI store.](#)

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Determination of total mass per unit area	1
3.1 Apparatus.....	1
3.2 Preparation of test pieces.....	2
3.3 Procedure.....	2
3.4 Calculation and expression of results.....	2
3.5 Test report.....	2
4 Determination of mass per unit area of substrate	3
4.1 General.....	3
4.2 Principle.....	3
4.3 Reagent.....	3
4.4 Apparatus.....	3
4.5 Procedure.....	3
4.6 Calculation and expression of results.....	4
4.7 Test report.....	4
5 Determination of mass per unit area of coating	4
5.1 Procedure.....	4
5.2 Test report.....	4
Annex A (normative) Coating - removal methods	5

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword – Supplementary information](#)

The committee responsible for this document is ISO/TC 45, *Rubber and rubber products title, Subcommittee SC 4, Products (other than hoses)*.

This second edition cancels and replaces the first edition (ISO 2286-2:1998), which has been technically revised. The changes are as follows:

- in [3.1.1](#), the accuracy of the balance has been changed;
- in [3.2](#), the usable width of the sample has been clearly specified;
- in [3.3](#), the drying process has been changed to optional and the conditioning atmosphere has been specified more clearly;
- in [3.5](#) and [4.7](#), item b) has been added;
- in [4.5.3](#), the conditioning atmosphere has been specified more clearly.

ISO 2286 consists of the following parts, under the general title *Rubber- or plastics- coated fabrics — Determination of roll characteristics*:

- *Part 1: Methods for determination of length, width and net mass*
- *Part 2: Methods for determination of total mass per unit area, per unit area of coating and mass per unit area of substrate*
- *Part 3: Method for determination of thickness*

This is a preview of "ISO 2286-2:2016". [Click here to purchase the full version from the ANSI store.](#)

Introduction

The total mass per unit area of a material, the mass per unit area of the substrate cloth and the mass per unit area of the coating are quantities which define the basic quality of a coated fabric and determine many of its physical properties. The substrate cloth mass determined by these methods does not necessarily represent the mass of the substrate cloth in the uncoated state. For example, in the case of coated fabrics in which a bonding agent has been used, the substrate cloth mass determined may be substantially higher than the uncoated mass because the prescribed treatment has not removed the entire coating. This will be particularly so in cases where the substrate cloth is made from multifilament or spun-fibre yarns. Dimensional changes in the substrate cloth during processing may also occur.