

Rubber, vulcanized or thermoplastic — Determination of tear strength —

Part 2: Small (Delft) test pieces

ICS 83.060

National foreword

This British Standard is the UK implementation of ISO 34-2:2007. It supersedes BS 903-A3.2:1997 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/22, Physical testing of rubber.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2007

© BSI 2007

ISBN 978 0 580 58823 5

Amendments issued since publication

Amd. No.	Date	Comments

INTERNATIONAL STANDARD

ISO
34-2

Second edition
2007-07-15

Rubber, vulcanized or thermoplastic — Determination of tear strength —

Part 2: Small (Delft) test pieces

*Caoutchouc vulcanisé ou thermoplastique — Détermination de la
résistance au déchirement —*

Partie 2: Petites éprouvettes (épreuves de Delft)



Reference number
ISO 34-2:2007(E)

AVA Documents
Document Sharing Hub

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Principle	1
4 Apparatus	2
5 Test pieces	2
5.1 Shape and dimensions.....	2
5.2 Measurement of dimensions	2
5.3 Time interval between vulcanization and testing	6
5.4 Number	6
6 Temperature of test	6
7 Procedure	6
8 Expression of results	6
9 Precision	7
10 Test report	7
Annex A (informative) Precision	8

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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.

ISO 34-2 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 2, *Testing and analysis*.

This second edition cancels and replaces the first edition (ISO 34-2:1996), which has been revised principally to update the normative references (ISO 471, ISO 3383 and ISO 4648 have been replaced by ISO 23529). Since ISO 5893 has also been revised, the force-measuring accuracy of the tensile-testing machine has been corrected to class 2. The text concerning precision in Clause 9 has been combined with Annexes A, B and C to give a new Annex A. In addition, the layout of Clause 10, the test report, has been updated.

ISO 34 consists of the following parts, under the general title *Rubber, vulcanized or thermoplastic — Determination of tear strength*:

- *Part 1: Trouser, angle and crescent test pieces*
- *Part 2: Small (Delft) test pieces*