

First edition
2011-12-01

**Rubber, vulcanized or thermoplastic —
Determination of stress relaxation in
compression —**

**Part 1:
Testing at constant temperature**

*Caoutchouc vulcanisé ou thermoplastique — Détermination de la
relaxation de contrainte en compression —*

Partie 1: Essais à température constante



Reference number
ISO 3384-1:2011(E)

© ISO 2011



COPYRIGHT PROTECTED DOCUMENT

© ISO 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Principle	2
5 Apparatus	2
6 Test piece	3
6.1 Test piece type and test piece preparation	3
6.2 Measurement of dimensions of test pieces	4
6.3 Number of test pieces	4
6.4 Time interval between forming and testing	4
6.5 Conditioning of test pieces	4
7 Duration, temperature and test liquid	5
7.1 Duration of test	5
7.2 Temperature of exposure	5
7.3 Immersion liquids	5
8 Procedure	5
8.1 Preparation	5
8.2 Thickness measurement	5
8.3 Method A	6
8.4 Method B	6
9 Expression of results	7
10 Precision	7
11 Test report	7
Annex A (informative) Precision	9
Annex B (informative) Guidance for using precision results	11
Annex C (normative) Calibration schedule	12
Bibliography	13