

Physical testing of rubber —

Part A37: Determination of tendency to adhere to and to corrode metals

ICS 83.060

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/22, Physical testing of rubber, upon which the following bodies were represented:

- British Rubber Manufacturers' Association Ltd.
- GAMBICA (BEAMA Ltd.)
- Ministry of Defence
- RAPRA Technology Ltd.
- SATRA Footwear Technology Centre
- Tun Abdul Razak Research Centre
- University of North London

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 December 1997

© BSI 03-1999

First published November 1979
Second edition September 1987
Third edition December 1997

The following BSI references relate to the work on this standard:
Committee reference PRI/22
Draft for comment 93/305460 DC

ISBN 0 580 28643 6

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Introduction	1
1 Scope	1
2 Normative references	1
3 Principle	1
4 Materials	1
5 Apparatus	1
6 Test metals	2
7 Rubber test pieces	2
8 Test conditions	2
9 Procedure	2
10 Expression of results	3
11 Test report	3
Figure — Typical support jig	4
Figure NA.1 — Glass test vessel	5
Table	2
National annex NA (normative) Method for vulcanizates not in direct contact with metal	5

National foreword

This Part of BS 903 reproduces verbatim ISO 6505: 1997 and implements it as the UK national standard. It supersedes BS 903-A37:1987 which is withdrawn. This British Standard is published under the direction of the Sector Board for Materials and Chemicals whose Technical Committee PRI/22 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

An informative national annex is included for vulcanizates which are not in direct contact with metal. This national annex is reproduced from method B of BS 903-A37:1987 and is included because zinc is generally accepted as the metal most susceptible to corrosion of the metals in common use and can also be obtained in an extremely pure form.

NOTE International and European Standards, as well as overseas standards, are available from Customer Services, BSI, 389 Chiswick High Road, London W4 4AL.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 7 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.