
**Rubber, vulcanized or
thermoplastic — Determination of
hardness —**

**Part 4:
Indentation hardness by durometer
method (Shore hardness)**

*Caoutchouc vulcanisé ou thermoplastique - Détermination de la
dureté —*

*Partie 4: Dureté par pénétration par la méthode au duromètre
(dureté Shore)*

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Foreword

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

This first edition of ISO 48-4 cancels and replaces ISO 7619-1:2010 which has been technically revised.

The main changes compared to the previous edition are as follows:

- a new standard number has been given.
- in the Introduction, an explanation of the purpose of the grouping work has been added.
- in [6.3.1](#), the description has been improved to distinguish hand-held instruments and on-a-stand instruments more clearly.
- in [Clause 8](#), the description for the required time for conditioning has been improved for better understanding.
- in [9.2](#), the use of talcum powder has been removed.
- in [Annex A](#), precision results from ITPs that were carried out in 1985 and 2007 have been included.

A list of all parts in the ISO 48 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.