

ISO/~~DIS~~PRF 12224-1:2023(~~E~~)

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## Solder wire, solid and flux-cored — Specification and test methods —

### Part 1: Classification and performance requirements

Fils ~~d'apport~~d'apport de brasage tendre, pleins et à flux incorporé — Spécifications et méthodes ~~d'essai~~  
d'essai —

Partie 1: Classification et exigences de performance

ISO/PRF 12224-1

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## Foreword

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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 document 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](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 12, *Soldering materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding and allied processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 12224-1:1997), which has been technically revised.

The main changes are as follows:

- ~~Table 1~~ **Table 1**: greater nominal contents added;
- ~~former 5.5 and Table 3~~ deleted because the spread test is not commonly used;
- ~~former 5.6.1~~ deleted because the test method was withdrawn;
- ~~6.1:6.1~~ reference to ISO 10564, which has been withdrawn, replaced by a recommended method;
- ~~in Table A.1~~ **Table A.1** the column for method D was deleted;
- ~~in Table C.1~~ **Table C.1** withdrawn standards were deleted and flux types were grouped;
- ~~designations~~ aligned with ISO 9454-1;

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A list of all parts in the ISO 12224 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](http://www.iso.org/members.html). Official interpretations of ISO/TC 44 documents, where they exist, are available from this page: <https://committee.iso.org/sites/tc44/home/interpretation.html>.

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