

Specification for

**Solderable tin or tin-lead
coated wires for component
terminations**

ICS 29.060.10

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Non-ferrous Metals Standards Policy Committee (NFM/-) to Technical Committee NFM/27, upon which the following bodies were represented:

- Association of British Pewter Craftsmen
- British Steel Industry
- EEA - the Electronics and Business Equipment Association
- International Tin Research Institute
- London Metal Exchange
- Metal Packaging Manufacturers' Association
- Ministry of Defence
- Solder Makers' Association
- Coopted members

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Plumbing Fittings Manufacturers' Association
- Telecommunication Engineering and Manufacturing Association

This British Standard, having been prepared under the direction of the Non-ferrous Metals Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 30 April 1991

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Summary of pages

The following table identifies the current issue of each page. Issue 1 indicates that a page has been introduced for the first time by amendment. Subsequent issue numbers indicate an updated page. Vertical sidelining on replacement pages indicates the most recent changes (amendment, addition, deletion).

Page	Issue	Page	Issue
Front cover	2	7	original
Inside front cover	2	8	original
a	2	9	original
b	blank	10	original
1	2	11	original
2	2	12	original
3	original	13	original
4	original	14	original
5	3	Inside back cover	original
6	2	Back cover	2

Contents

	Page
Committees responsible	Inside front cover
Foreword	2
Specification	
1 Scope	3
2 Definitions	3
3 Materials	3
4 Solderability	5
5 Dimensions and tolerances	5
6 Bend test for robustness of termination	5
7 Elongation	6
8 Bend test for coating adhesion	6
9 Sampling	6
10 Packaging and labelling	6
Appendices	
A Information to be supplied by the purchaser	7
B Methods for use in cases of dispute for the determination of the thickness of tin and tin-lead coating and undercoat	7
C Method for use in cases of dispute for the determination of the composition of tin and tin-lead coatings by atomic absorption spectrophotometry	8
D Method for the detection of lead in tin and tin-lead coatings	10
E Method for bend test	11
F Guidance notes to aid selection of suitable basis wire and coatings for component terminations	12
Tables	
1 Composition of the preferred tin or tin-lead solderable coatings	4
2 Average thickness for solderable coating	5
3 Density of tin-lead alloys	8
4 Calibration solutions	9
Figures	
1 Rotor head for bend tester	11
2 Arrangement of bend test apparatus	12

Foreword

This British Standard has been prepared under the direction of the Non-ferrous Metals Standards Policy Committee. It is a revision of BS 4393 : 1969 which is withdrawn. Unlike the 1969 edition, which specified copper only as the basis wire, this revision covers coated wires having basis wires in a range of materials including copper, nickel, steel, steel undercoated with nickel or copper, brass, nickel-copper alloy, phosphor bronze and nickel silver. As a result of this change in the basis wire materials, performance requirements in this revision differ markedly from those in the 1969 edition.

Included in this revision is appendix F which gives guidance notes to aid the user in the selection of the most appropriate wires and coatings for particular applications.

The initial draft from which this revision was developed was prepared by a working group set up by the Electronics and Business Equipment Association.

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