

Rubber and plastics hoses — Determination of ultra-violet resistance under static conditions

The European Standard EN ISO 8580:1995 has the status of a
British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Rubber Standards Committee (RUM/-) to Technical Committee RUM/9, upon which the following bodies were represented:

- Association of Metropolitan Authorities
- British Coal Corporation
- British Compressed Gases Association
- British Gas plc
- British Railways Board
- British Rubber Manufacturers' Association
- Chief and Assistant Chief Fire Officers' Association
- Fire Extinguishing Trades Association
- Home Office
- Institution of Fire Engineers
- Institution of Production Engineers
- Liquefied Petroleum Gas Industry Technical Association (UK)
- London Fire and Civil Defence Authority
- London Regional Transport
- Malaysian Rubber Producers' Research Association
- Ministry of Defence
- Society of Motor Manufacturers and Traders Limited

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

- British Fluid Power Association
- Energy Industries Council
- Engineering Equipment and Materials Users' Association

This British Standard, having been prepared under the direction of the Rubber Standards Committee, was published under the authority of the Board of BSI and comes into effect on 28 February 1989

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The following BSI references relate to the work on this standard:
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National foreword

This Section of BS 5173, prepared under the direction of the Rubber Standards Committee, is an additional part of the revision of BS 5173-6:1977. The remainder of the 1977 edition is to be revised and as each of the tests is revised it is intended to issue it as a separate Part or Section of BS 5173, as described in BS 5173-100.

In 1995 the European Committee for Standardization (CEN) accepted ISO 8580:1987 as European Standard EN ISO 8580:1995. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 8580:1995 and any reference to BS 5173-106.4:1989 should be read as a reference to BS EN ISO 8580:1995.

This Section of BS 5173 is identical with ISO 8580:1987 “*Rubber and plastics hoses — Determination of ultra-violet resistance under static conditions*”, published by the International Organization for Standardization (ISO).

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “Section of BS 5173”.

Cross-references

International Standard	Corresponding British Standard
ISO 291:1977	BS 2782 <i>Methods of testing plastics</i> Part 0:1982 <i>Introduction</i> (Appendix A, identical)
ISO 471:1983	BS 903 <i>Methods of testing vulcanized rubber</i> Part A35:1985 <i>Temperatures, humidities and times for conditioning and testing of test pieces</i> (Identical)
ISO 4892:1981	BS 2782 <i>Methods of testing plastics</i> Part 5 <i>Optical and colour properties, weathering</i> Method 540B:1982 <i>Methods of exposure to laboratory light sources, (xenon arc lamp, enclosed carbon arc lamp, open-flame carbon arc lamp, fluorescent tube lamps)</i> (Identical)

Additional information. For the use of artificial light sources, attention is drawn to BS 903 “*Methods of testing vulcanized rubber*” Part A54:1988 “*Methods for exposure to artificial light, for use in determining resistance to weathering*”. This Part is identical with ISO 4665-3:1987. Methods for the determination of changes in the properties of the vulcanized rubber are given in BS 903-A55:1988 “*Methods for assessment of changes in properties after exposure to natural weathering or artificial light, for use in determining resistance to weathering*”. This Part is identical with ISO 4665-1:1985.

Textual error. When adopting the text of the International Standard, the textual error given below was discovered. It has been marked in the text and has been reported to ISO in a proposal to amend the text of the International Standard.

In Clause 6 the last sentence should read “Unless otherwise specified in the relevant hose specification, the elongation of the test piece shall be 20 % ± 10 % of the measured value.”

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 to iv, the EN ISO title page, pages 2 to 8, an inside back cover 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.