

Specification for

Plastics hoses for suction and low-pressure discharge of petroleum liquids

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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
British Compressed Gases Association
British Gas plc
British Railways Board
British Rubber Manufacturers Association
Chief and Assistant Chief Fire Officers Association
Department of the Environment (Property Services Agency)
Fire Extinguishing Trades Association
Health and Safety Executive
Home Office
Institution of Fire Engineers
Institution of Production Engineers
Liquefied Petroleum Gas Industry Technical Association (UK)
London Regional Transport
Malaysian Rubber Producers Research Association
Ministry of Defence
Society of Motor Manufacturers and Traders Limited
Water Authorities Association

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

Association of Hydraulic Equipment Manufacturers
British Plastics Federation
Energy Industries Council
Engineering Equipment and Materials Users Association
Petrol Pump Manufacturers Association
United Kingdom Petroleum Industry Association Ltd

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 30 April 1987

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

	Page
Committees responsible	Inside front cover
National foreword	ii
0 Introduction	1
1 Scope and field of application	1
2 References	1
3 Materials and construction	1
4 Dimensions and tolerances	1
5 Physical tests on finished hose	2
6 Physical properties of flexible thermoplastics material	3
7 Marking	4
Annex A Reinforcement fracture test	5
Figure — Diagrammatic representation of reinforcement fracture test	6
Table 1 — Type 1 hoses — Nominal bores and tolerances	1
Table 2 — Type 2 hoses — Nominal bores and tolerances	2
Table 3 — Tolerances on cut lengths	2
Table 4 — Hydrostatic test at standard laboratory temperature	2
Table 5 — Hydrostatic test at 55 ± 2 °C	2
Table 6 — Extension pieces for fracture test	3
Table 7 — Tensile strength and elongation at break	3
Table 8 — Fuel resistance	3
Table 9 — Oil resistance	3
Table 10 — Change in properties on ageing	3
Publications referred to	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Rubber Standards Committee. It is identical with ISO 6808:1984 “*Plastics hoses for suction and low-pressure discharge — Petroleum liquids — Specification*”, 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 “British Standard”.

Cross-references

International Standards	Corresponding British Standards
ISO 176:1976	BS 2782 <i>Methods of testing plastics</i> Methods 465A and 465B:1979 <i>Determination of loss of plasticizers (activated carbon method)</i> (Identical)
ISO 188:1982	BS 903 <i>Methods of testing vulcanized rubber</i> Part A19:1975 <i>Heat resistance and accelerated air ageing tests</i> (Technically equivalent)
ISO 471:1983	Part A35:1985 <i>Temperatures, humidities and times for conditioning and testing of test pieces</i> (Identical)
ISO 868:1978	BS 2782 <i>Methods of testing plastics</i> Method 365B:1981 <i>Determination of indentation hardness by means of a durometer (Shore hardness)</i> (Identical)
ISO 1307:1983	BS 6597:1985 <i>Specification for rubber and plastics hoses: internal diameters and tolerances and tolerances on length</i> (Identical)
ISO 1402:1984	BS 5173 <i>Methods of test for rubber and plastics hoses and hose assemblies</i> Section 102.1:1985 <i>Hydrostatic tests</i> (Identical)
ISO 1746:1983	Section 103.5:1985 <i>Bending tests</i> (Identical)
ISO 1817 ^a	BS 903 <i>Methods of testing vulcanized rubber</i> Part A16:1971 <i>The resistance of vulcanized rubber to liquids</i> (Technically equivalent)
ISO 7233:1983	BS 5173 <i>Methods of test for rubber and plastics hoses and hose assemblies</i> Section 102.9:1985 <i>Determination of resistance to vacuum</i> (Identical)
ISO 7751:1983	BS 6596:1985 <i>Specification for ratios of proof and burst pressure to design working pressure for rubber and plastics hoses and hose assemblies</i> (Identical)

^a This is described as being at the stage of draft but was published in 1985. A revision of BS 903-A16 is in preparation as a dual-numbered standard to ISO 1817:1985.

The Technical Committee has reviewed the provisions of ISO/R 527, ISO 4672 and ISO 8031¹⁾, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

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, pages 1 to 6, 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.

¹⁾ In preparation.