



BS 669 : Part 1 : 1989

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British Standard

# Flexible hoses, end fittings and sockets for gas burning appliances

Part 1. Specification for strip-wound metallic flexible  
hoses, covers, end fittings and sockets for domestic  
appliances burning 1st and 2nd family gases

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Bâtiments et structures agricoles  
Partie 81. Code de bonne pratique pour la conception et la  
construction des magasins chimiques

Landwirtschaftliche Gebäude und Bauwerke  
Teil 81. Leitfaden für Bemessung und Bau von Chemikalienlagern

## Foreword

This Part of BS 669 has been prepared under the direction of the Gas Standards Policy Committee and it supersedes BS 669 : Part 1 : 1984, which is withdrawn.

This British Standard was first published in 1936 and revised in 1952 and 1960 and revised as BS 669 : Part 1 in 1984. The *King report\**, published in 1977, preferred that connections to gas cooking appliances should be flexible and should incorporate a plug and a socket that seals automatically when the plug is withdrawn.

This British Standard comprises the following two Parts.

Part 1 Specification for strip-wound metallic flexible hoses, covers, end fittings and sockets for domestic appliances burning 1st and 2nd family gases

Part 2 Specification for corrugated metallic flexible hoses, covers, end fittings and sockets for catering appliance burning 1st and 2nd family gases

BS 669 : Part 3 is in preparation and will specify rubber flexible hoses.

In order to avoid inhibition of design, this revision specifies strength and performance tests on end fitting assemblies and as a consequence only plugs and sockets of the type shown in figure 5 (this was figure 3 in BS 669: Part 1: 1984) need to have dimensions as given in that figure. Except for drawings showing essential mating dimensions of the type shown in figure 5, fully dimensioned drawings of plug and socket connections are not included.

As far as is reasonably practicable, manufacturers/designers of plug and socket end fittings need to be aware that it is important that their design is either compatible with other like designs or is obviously incompatible.

Size ½ in union connections have been deleted from figure 6; unions for this size are not included because the installation standard, BS 6172, which gives guidance on the use of flexible connections, requires the use of plug and socket fittings on domestic gas cookers.

Guidance on the use of flexible connections which comply with this Part of BS 669 is given in BS 6172 for domestic gas cooking appliances, CP 334: Part 3 for refrigerators, and CP 335: Part 1 for domestic laundering and miscellaneous appliances.

Attention is drawn to the stated manufacturing tolerances and the need for careful quality management as specified in BS 5750.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

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\* P H King. *Report of the enquiry into serious gas explosions*. June 1977. HMSO.

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