

INTERNATIONAL
STANDARD

ISO
8207

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**Gas welding equipment — Specification for
hose assemblies for equipment for welding,
cutting and allied processes**

*Matériel de soudage au gaz — Spécifications relatives aux assemblages
de tuyaux souples sur les douilles porte-tuyau pour matériel de soudage,
coupage et techniques connexes*



Reference number
ISO 8207:1996(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8207 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processes*.

Annex A of this International Standard is for information only.

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Gas welding equipment — Specification for hose assemblies for equipment for welding, cutting and allied processes

1 Scope

This International Standard specifies performance and test requirements of hose assemblies using rubber hose, if supplied in assembled condition for equipment for gas welding, cutting and allied processes.

This International Standard is not applicable to hose assemblies upstream of the regulators.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3253:1975, *Hose connections for equipment for welding, cutting and related processes*.

ISO 3821:1992, *Welding — Rubber hoses for welding, cutting and allied processes*.

ISO 9090:1989, *Gas tightness of equipment for gas welding and allied processes*.

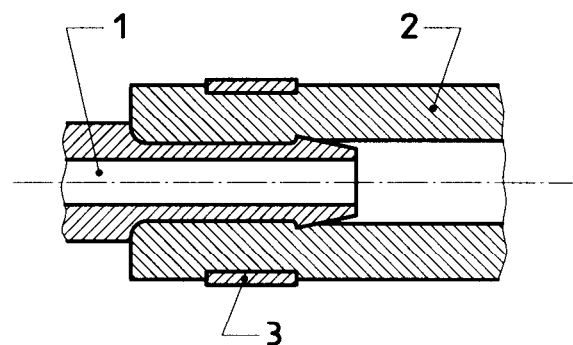
ISO 9539:1988, *Materials for equipment used in gas welding, cutting and allied processes*.

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 hose assembly: Assembly consisting of a hose tail inserted into the end of a hose and secured by a suitable hose clamp.

Figure 1 shows a typical hose assembly.



Key

- 1) hose tail
- 2) hose
- 3) hose clamp

Figure 1 — Typical hose assembly