

INTERNATIONAL
STANDARD

ISO
10806

First edition
1994-08-15

**Pipework — Non-alloyed and stainless
steel fittings for corrugated flexible
metallic hoses**

*Tuyauteries — Raccords en acier non allié et acier inoxydable pour
tuyauteries métalliques flexibles onduleuses*



Reference number
ISO 10806:1994(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 10806 was prepared by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings*, Subcommittee SC 11, *Flexible interlocked and convoluted metallic hoses*.

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International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Pipework — Non-alloyed and stainless steel fittings for corrugated flexible metallic hoses

1 Scope

This International Standard specifies the design characteristics of non-alloyed and stainless steel fittings for corrugated flexible metallic hose in accordance with the requirements of ISO 10380.

The fittings specified in this International Standard are suitable for the majority of applications. Where other types of fittings are used, their characteristics will be the subject of an agreement between the purchaser and the manufacturer.

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 7-1:1994, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation.*

ISO 228-1:1994, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation.*

ISO 4200:1991, *Plain end steel tubes, welded and seamless — General tables of dimensions and masses per unit length.*

ISO 6708:—¹⁾, *Pipe components — Definition of nominal size (DN).*

ISO 6761:1981, *Steel tubes — Preparation of ends of tubes and fittings for welding.*

ISO 7005-1:1992, *Metallic flanges — Part 1: Steel flanges.*

ISO 7268:1983, *Pipe components — Definition of nominal pressure.*

ISO 7369:—²⁾, *Pipework — Flexible metallic hoses — Vocabulary of general terms.*

ISO 10380:1994, *Corrugated flexible metallic hose and hose assemblies.*

3 Information to be supplied by the purchaser

The purchaser shall supply the manufacturer with all relevant information on the use of the hose assembly, including the fittings specified in this International Standard.

1) To be published. (Revision of ISO 6708:1980)

2) To be published. (Revision of ISO 7369:1983)